

Agricultural Prices

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June Prices Received Index Up 1.0 Percent

The June Prices Received Index (Agricultural Production), at 92.5, increased 1.0 percent from May 2019. At 87.9, the Crop Production Index increased 5.4 percent. The Livestock Production Index, at 97.0, decreased 1.8 percent. Producers received higher prices for lettuce, market eggs, corn, and strawberries but lower prices for cattle, broilers, oranges, and hogs. Compared with a year earlier, the Prices Received Index is down 2.7 percent. The Crop Production Index decreased 2.5 percent and the Livestock Production Index decreased 1.5 percent. The indexes are calculated using commodity prices and volumes of commodities that producers market. Increased monthly movement of wheat, hay, peaches, and corn offset the decreased marketing of milk, oranges, broilers, and cattle. The Food Commodities Index, at 95.9, increased 0.3 percent from the previous month but decreased 3.0 percent from June 2018.

June Prices Paid Index Down 0.5 Percent

The June Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 110.3, is down 0.5 percent from May 2019 but up 1.3 percent from June 2018. Lower prices in June for feeder cattle, feeder pigs, hay and forages, and LP gas more than offset higher prices for feed grains, other services, complete feeds, and other machinery.

Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: June 2019 with Comparisons

Index Group	June 2018	May 2019	June 2019	
	(percent)	(percent)	(percent)	
Prices received by farmers	95.1	91.6	92.5	
Prices paid by farmers	108.9	110.8	110.3	
Ratio of prices received to prices paid	87	83	85	

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June Prices Received by Farmers

The June Prices Received Index for agricultural production is 92.5 percent of its 2011 base, up 1.0 percent from the May 2019 index but down 2.7 percent from the June 2018 index.

Crop production: The June index, at 87.9, is 5.4 percent higher than May but 2.5 percent lower than June 2018. The vegetable & melon, fruit & tree nut, grain & oilseed, and other crop indexes all increased from last month.

Grain and oilseed: The June index, at 67.0, is up 5.8 percent from May but down 1.0 percent from June 2018. Feed grain and oilseed index increases more than offset the food grain index decrease.

Feed grain: The June index, at 66.5, increased 9.7 percent from last month and 10.5 percent from a year ago. The corn price, at \$3.98 per bushel, is up 35 cents from last month and 40 cents from June 2018. At \$6.47 per cwt, sorghum grain is 80 cents above May but 58 cents below June a year earlier.

Food grain: At 67.2, the index for June is down 5.4 percent from the previous month and 7.6 percent from a year ago. The June price for all wheat, at \$4.81 per bushel, is 3 cents higher than May but 36 cents lower than June 2018.

Oilseed: At 67.5, the index for June increased 3.4 percent from May but decreased 12.1 percent from June 2018. The soybean price, at \$8.31 per bushel, is 29 cents higher than May but \$1.24 lower than June a year earlier.

Fruit and tree nut: The June index, at 115.6, is up 14.0 percent from May but down 13.9 percent from a year earlier. Price increases during June for strawberries, lemons, peaches, and grapefruit more than offset price decreases for oranges and apples.

Vegetable and melon: At 127.7, the index for June increased 20.7 percent from the previous month and 28.5 percent from June 2018. Price increases during June for lettuce, cantaloupes, onions, and potatoes more than offset price declines for broccoli, cauliflower, and celery.

Other crop: The June index, at 93.5, is up 1.7 percent from the previous month and 3.2 percent from June 2018. The all hay price, at \$177.00 per ton, is \$10.00 lower than May but \$17.00 higher than June 2018. At 67.8 cents per pound, the price for upland cotton is 3.9 cents lower than May and 7.9 cents lower than June 2018.

Livestock production: The index for June, at 97.0, decreased 1.8 percent from the previous month and 1.5 percent from June a year earlier. Compared with a year ago, prices are lower for broilers, market eggs, and calves. Prices for milk, cattle, turkeys, and hogs are higher than a year earlier.

Meat animal: At 97.0, the June index decreased 4.7 percent from the previous month but increased 0.9 percent from a year earlier. At \$59.50 per cwt, the June hog price is \$2.80 lower than May but 40 cents higher than a year earlier. The June beef cattle price of \$114.00 per cwt is \$6.00 lower than the previous month but \$2.00 higher than June 2018.

Dairy: The index for June, at 90.0, is up 0.4 percent from the previous month and 11.0 percent from June a year ago. The June all milk price of \$18.10 per cwt is 10 cents higher than May and \$1.80 higher than June 2018.

Poultry and egg: At 103.7, the June index increased 1.6 percent from May but decreased 24.4 percent from June 2018. The June market egg price, at 45.7 cents per dozen, is 27.0 cents higher than May but 36.0 cents lower than June 2018. The June broiler price, at 54.0 cents per pound, is 3.2 cents lower than May and 19.0 cents lower than a year ago. At 56.1 cents per pound, the June turkey price is 2.8 cents higher than the previous month and 5.3 cents higher than June 2018.

Prices Received Indexes, 2011 Base - United States: June 2019 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

		2011 Base	
Index Group	June 2018	May 2019	June 2019
	(percent)	(percent)	(percent)
Agricultural production	95.1	91.6	92.5
Crop production	90.2	83.4	87.9
Grain and oilseed	67.7	63.3	67.0
Feed grain	60.2	60.6	66.5
Food grain	72.7	71.0	67.2
Oilseed	76.8	65.3	67.5
Fruit and tree nut	134.2	101.4	115.6
Vegetable and melon	99.4	105.8	127.7
Other crop	90.6	91.9	93.5
Livestock production	98.5	98.8	97.0
Meat animal	96.1	101.8	97.0
Cattle	98.0	104.3	99.4
Hog	88.9	93.7	89.5
Dairy	81.1	89.6	90.0
Poultry and egg	137.1	102.1	103.7
Food commodity	98.9	95.6	95.9

Prices Received Indexes, 1910-1914 Base - United States: June 2019 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

	1910 - 1914 Base				
Index Group	June	May	June		
	2018	2019	2019		
	(percent)	(percent)	(percent)		
Agricultural production Crop production Livestock production	981	946	955		
	786	727	767		
	1144	1147	1126		

Prices Received Indexes, 2011 Base by Month for Selected Groups - United States: 2018 and 2019

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

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	2011 Base							
Month	Agricultural production		Crop production		Livestock production		Food commodities	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	86.0	84.9	78.6	76.9	94.4	97.2	92.7	92.0
February	90.9	89.0	86.8	83.2	93.9	94.7	95.2	93.6
March	94.9	91.6	87.9	85.1	99.5	97.5	99.7	96.8
April	92.8	92.6	88.3	84.1	95.7	100.0	96.1	97.2
May	94.7	91.6	89.0	83.4	98.3	98.8	98.1	95.6
June	95.1	92.5	90.2	87.9	98.5	97.0	98.9	95.9
July	91.6		86.8		95.6		95.0	
August	89.7		89.7		89.7		92.1	
September	88.3		87.8		88.7		90.8	
October	85.1		79.9		91.4		88.8	
November	88.3		83.9		92.7		94.1	
December	89.9		87.2		92.4		94.2	

Prices Paid Indexes, 2011 Base by Month for Selected Groups - United States: 2018 and 2019

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

	2011 Base							
Month	All it (PPI	-	Produ	uction	on Crop sector		Livestock sector	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	108.2	110.8	105.4	107.5	109.5	112.1	106.8	109.4
February	108.9	110.9	106.3	107.6	109.7	112.2	108.0	109.4
March	108.9	111.0	106.3	107.6	109.8	112.1	107.9	109.8
April	108.6	111.3	106.1	108.1	109.5	111.7	107.6	110.8
May	109.1	110.8	106.6	107.4	109.8	111.7	108.2	109.7
June	108.9	110.3	106.3	106.7	109.9	111.6	107.7	108.8
July	109.0		106.0		110.3		107.6	
August	109.2		106.2		110.4		107.8	
September	109.2		106.2		110.4		107.7	
October	109.7		106.8		110.8		108.5	
November	109.8		106.9		111.3		108.1	
December	110.0		107.3		111.3		108.6	

Prices Received for Field Crops and Fruits - United States: June 2019 with Comparisons

Commodity		2011 Base Price	June 2018	May 2019	June 2019
Field crops					
Austrian winter peas	dollars/cwt	19.50	(D)	(S)	(D)
Barley, all		4.79	4.62	4.89	4.81
Feed		4.59	3.79	3.44	4.32
Malting		4.83	4.88	5.03	4.88
Beans, dry edible		34.60	23.50	24.90	22.90
Canola		23.10	17.20	15.20	14.90
Chickpeas, all		35.70	28.20	23.40	20.10
Large		39.20	37.80	22.30	20.40
Small		23.40	19.80	25.80	19.60
Corn		6.02	3.58	3.63	3.98
Cotton, Upland	dollars/pound	0.880	0.757	0.717	0.678
Cottonseed	•	131.00	(NA)	(NA)	(NA)
Flaxseed		14.20	10.00	9.54	9.07
Hay, all, baled		159.00	160.00	187.00	177.00
Alfalfa		176.00	181.00	204.00	193.00
Other		119.00	121.00	152.00	146.00
Lentils		27.50	20.60	13.30	13.70
Oats		3.42	3.04	3.11	3.31
Peanuts, in-shell		0.252	0.227	0.206	0.217
Peas, dry edible	dollars/cwt	13.60	11.60	11.00	9.82
Rice, all	dollars/cwt	13.70	13.10	11.60	11.80
Long	dollars/cwt	12.30	11.90	10.40	10.70
Medium and short	dollars/cwt	18.40	17.30	17.30	16.50
Sorghum grain	dollars/cwt	10.70	7.05	5.67	6.47
Soybeans	dollars/bushel	12.50	9.55	8.02	8.31
Sunflowers, all		29.00	17.70	18.30	17.90
Wheat, all	dollars/bushel	7.44	5.17	4.78	4.81
Winter	dollars/bushel	6.93	5.05	4.73	4.77
Durum	dollars/bushel	9.22	6.33	4.91	5.58
Other spring	dollars/bushel	8.33	5.66	4.86	4.79
Hard red winter	dollars/bushel	7.07	5.12	4.54	4.64
Soft red winter	dollars/bushel	6.77	4.80	4.81	5.32
Hard red spring	dollars/bushel	8.38	5.71	4.83	4.78
White	dollars/bushel	6.58	4.89	5.29	5.39
Fruits					
Citrus, equivalent on-tree					
Grapefruit	dollars/box	7.47	14.71	7.46	11.81
Lemons	dollars/box	12.30	29.14	15.92	20.02
Oranges	dollars/box	8.16	23.08	10.55	8.11
Non-citrus, fresh					
Apples ¹		0.325	0.286	0.392	0.380
Grapes ¹		628.00	2,550.00	(S)	1,620.00
Peaches 1		507.00	1,130.00	1,720.00	1,180.00
Pears ¹	dollars/ton	559.00	798.00	620.00	731.00
Strawberries	dollars/cwt	104.00	52.70	61.80	80.30

⁽D) Withheld to avoid disclosing data for individual operations.

 ⁽NA) Not available.
 (S) Insufficient number of reports to establish an estimate.
 Equivalent packinghouse-door returns for California, Michigan, New York (apples only), Pennsylvania (apples only), and Washington (apples, peaches, and pears). Prices as sold for other states.

Prices Received for Vegetables and Livestock - United States: June 2019 with Comparisons

[Price data source for potato, livestock, and poultry commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity		2011 Base Price	June 2018	May 2019	June 2019
Vegetables, fresh ¹					
Asparagus	dollars/cwt	37.50	87.60	121.00	96.40
Beans, snap		69.00	(S)	58.50	(S)
Broccoli		41.60	46.80	77.90	51.10
Cantaloupes		16.50	20.40	12.80	21.40
Carrots		30.80	26.70	28.10	28.20
Cauliflower		47.00	35.50	112.00	47.50
Celery		22.50	24.70	109.00	88.80
Corn, sweet		30.70	27.10	30.50	31.20
Cucumbers		18.70	35.40	26.30	30.40
Lettuce		24.30	25.90	19.70	41.00
Onions ²		11.90	18.20	24.30	32.40
Potatoes		14.30	11.80	11.10	12.10
Tomatoes		51.20	28.30	36.20	36.10
Livestock					
Calves	dollars/cwt	142.00	158.00	148.00	149.00
Cattle, all beef	dollars/cwt	115.00	112.00	120.00	114.00
Cows ³	dollars/cwt	71.60	66.30	65.60	65.90
Steers and heifers	dollars/cwt	117.00	113.00	122.00	115.00
Milk cows 4d	ollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all	dollars/cwt	66.50	59.10	62.30	59.50
Barrows and gilts	dollars/cwt	66.80	59.80	62.30	60.00
Sows	dollars/cwt	57.90	42.00	61.80	47.50
Dairy and poultry					
Milk, all ^{5'}	dollars/cwt	20.10	16.30	18.00	18.10
Fat test	percent	3.71	3.76	3.84	3.80
Broilers, live 6do	llars/pound	0.459	0.730	0.572	0.540
Eggs, all 7do	llars/dozen	0.969	1.03	0.476	0.715
Market ^{7 8} do	llars/dozen	0.796	0.817	0.187	0.457
Turkeys, live ⁹ do	llars/pound	0.680	0.508	0.533	0.561
Adjusted for seasonal variation					
Eggs, alldo	llars/dozen	0.979	1.17	0.658	0.820
Seasonal factor		101	88	72	87
Milk, all		20.20	16.90	18.80	18.70
Seasonal factor		100	97	96	97
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(NA) Not available.

⁽S) Insufficient number of reports to establish an estimate.

¹ Point of first sale.

² Includes some processing.

Beef cows and cull dairy cows sold for slaughter.
 Animals sold for dairy herd replacement only. Prices available for January, April, July, and October.

⁵ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

⁶ Live weight equivalent price.

⁷ Mid-month price.

 $^{^{\}rm 8}$ Also referred to as table eggs.

⁹ Live weight equivalent price is used when actual live weight price is not available. Beginning January 2011, price reflects FOB shipping point basis. Prior year price reflects delivered basis.

Prices Received for All Wheat, Corn, and Soybeans by Month - United States: 2019 with Comparisons

[Blank data cells indicate estimation period has not yet begun]

Month		All wheat			Corn			Soybeans	
WOTHT	2017	2018	2019	2017	2018	2019	2017	2018	2019
	(dollars per bushel)								
January	4.01	4.65	5.28	3.40	3.29	3.56	9.71	9.30	8.63
February	4.16	4.92	5.33	3.44	3.38	3.60	9.86	9.50	8.52
March	4.37	5.10	5.19	3.49	3.51	3.61	9.69	9.81	8.52
April	4.16	5.28	4.93	3.43	3.58	3.52	9.33	9.85	8.28
May	4.05	5.39	4.78	3.45	3.68	3.63	9.29	9.84	8.02
June	4.37	5.17	4.81	3.43	3.58	3.98	9.10	9.55	8.31
July	4.77	5.00		3.49	3.47		9.42	9.08	
August		5.30		3.27	3.36		9.24	8.59	
September	4.65	5.15		3.27	3.39		9.35	8.77	
October	4.64	5.22		3.26	3.41		9.18	8.58	
November	4.72	5.23		3.15	3.41		9.22	8.37	
December	4.50	5.28		3.23	3.54		9.30	8.57	

Prices Received for Beef Cattle and All Hogs by Month - United States: 2019 with Comparisons

[Price data source for livestock commodities is United States Department of Agriculture's Agricultural Marketing Service. Blank data cells indicate estimation period has not yet begun]

Month		Beef cattle 1		All hogs ²			
Month	2017	2018	2019	2017	2018	2019	
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	
January	117.00	120.00	121.00	48.10	52.50	44.60	
February	119.00	125.00	123.00	54.40	54.60	43.40	
March	125.00	125.00	126.00	53.00	50.00	46.50	
April	128.00	119.00	125.00	48.40	45.30	59.40	
May	136.00	120.00	120.00	53.60	51.50	62.30	
June	132.00	112.00	114.00	62.10	59.10	59.50	
July	120.00	110.00		67.30	58.60		
August	114.00	110.00		61.50	44.30		
September	105.00	108.00		48.90	43.20		
October	109.00	110.00		47.30	50.30		
November	119.00	113.00		50.00	46.20		
December	118.00	117.00		48.60	43.40		

¹ Cows and steers & heifers. ² Barrows & gilts and sows.

Prices Received for All Wheat - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(D)	(D)
Arkansas	4.79	(D)	5.24
California	(D)	(D)	6.34
Colorado	4.54	4.24	4.37
Idaho	4.78	4.99	5.17
Illinois	4.88	4.64	5.19
Indiana	4.83	5.01	5.08
Kansas	5.02	4.40	4.71
Michigan	5.06	4.93	5.27
Minnesota	5.85	4.66	4.58
Missouri	4.80	4.54	5.47
Montana	5.74	4.78	4.69
Nebraska	4.62	3.94	4.15
North Carolina	4.70	5.02	5.26
North Dakota	5.45	4.73	4.80
Ohio	5.04	4.87	5.31
Oklahoma	5.24	4.21	4.59
Oregon	5.66	5.63	5.64
South Dakota	5.79	4.69	4.87
Texas	5.17	5.15	4.55
Washington	5.41	5.44	5.58
United States	5.17	4.78	4.81

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Winter Wheat - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	4.79	(D)	5.24
California	6.27	(D)	6.22
Colorado	4.54	4.24	4.37
Idaho	4.63	4.95	5.13
Illinois	4.88	4.64	5.19
Indiana	4.83	5.01	5.08
Kansas	5.02	4.40	4.71
Michigan	5.06	4.93	5.27
Minnesota	(S)	(S)	(S)
Missouri	4.80	4.54	5.47
Montana	5.37	4.65	4.63
Nebraska	4.62	3.94	4.15
North Carolina	4.70	5.02	5.26
North Dakota	4.92	3.97	4.49
Ohio	5.04	4.87	5.31
Oklahoma	5.24	4.21	4.59
Oregon	5.63	5.62	5.62
South Dakota		4.19	4.63
Texas	5.17	5.15	4.55
Washington	5.31	5.44	5.55
United States	5.05	4.73	4.77

⁽D) Withheld to avoid disclosing data for individual operations. (S) Insufficient number of reports to establish an estimate.

Prices Received for Durum Wheat - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona California Idaho Montana North Dakota	(D) (D) (D) 6.03 5.50	(D) (S) (D) (D) 4.75	(D) (D) (D) (D) 4.90
United States	6.33	4.91	5.58

⁽D) Withheld to avoid disclosing data for individual operations. (S) Insufficient number of reports to establish an estimate.

Prices Received for Spring Wheat - States and United States: June 2019 with Comparisons

			•
State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado Idaho Minnesota Montana North Dakota Oregon South Dakota Washington	(S) (D) 5.85 6.17 5.44 5.85 6.01 5.90	(S) 5.08 4.66 4.89 4.73 5.71 5.03 5.45	(S) 5.22 4.58 4.73 4.79 5.75 5.02 5.71
United States	5.66	4.86	4.79

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Oats - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(D)	(S)	(D)
lowa	2.67	3.46	3.71
Michigan	3.27	3.75	(D)
Minnesota	2.44	2.93	3.41
Montana	(D)	(S)	(D)
Nebraska	3.65	2.99	(D)
New York	(S)	(S)	(D)
North Dakota	2.45	2.66	2.59
Oregon	(D)	(S)	(S)
Pennsylvania	4.07	(D)	4.27
South Dakota	2.57	3.00	3.25
Texas	(S)	(D)	(S)
Wisconsin	3.28	3.55	3.51
United States	3.04	3.11	3.31

⁽D) Withheld to avoid disclosing data for individual operations.

⁽S) Insufficient number of reports to establish an estimate.

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for All Barley - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	` ,	(D) (D) 5.33 (D) (D) 4.19 (D) (S)	(D) 4.68 5.29 (D) 4.21 4.45 (D) (D)
United States	4.62	4.89	4.81

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Malting Barley – States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California Colorado Idaho Minnesota Montana North Dakota Washington Wyoming	(S) 4.56 (D) (D) 4.40 4.64 (D) (D)	(S) (D) 5.43 (D) (S) 4.42 (D) (S)	(S) 4.68 5.35 (D) 4.40 4.53 (D) (D)
United States	4.88	5.03	4.88

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Feed Barley - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D) (D) 3.35	(D) (S) 3.46	(D) (S) 3.65
Minnesota Montana North Dakota Washington Wyoming	(S) 3.11 3.31 2.98 (D)	(S) (D) 3.42 3.54 (S)	(S) 2.98 3.36 3.70 (S)
United States	3.79	3.44	4.32

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Sorghum Grain - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Arkansas Kansas Louisiana Missouri Nebraska Oklahoma Texas	(S) 5.88 (S) 6.29 6.01 5.83 7.37	(S) 5.52 (S) 6.78 5.28 5.94 6.75	(S) 6.11 (S) 6.90 6.21 6.82 7.36
United States	7.05	5.67	6.47

⁽S) Insufficient number of reports to establish an estimate.

⁽S) Insufficient number of reports to establish an estimate.

⁽S) Insufficient number of reports to establish an estimate.

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for Corn - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Alabama	4.19	4.23	3.69
Alaska	(S)	(S)	(S)
Arizona	(S)	(D)	(D)
Arkansas	3.60	4.03	4.22
California	(D)	(D)	(D)
Colorado	3.62	3.97	4.05
		(S)	
Connecticut	(S)		(S)
Delaware	(S)	(D)	(D)
Florida	(D)	(D)	(D)
Georgia	(D)	4.58	(D)
Hawaii	(S)	(S)	(S)
Idaho	4.44	(D)	(D)
Illinois	3.65	3.62	4.00
Indiana	3.81	3.81	4.29
lowa	3.54	3.59	3.95
Kansas	3.60	3.58	4.03
Kentucky	3.97	3.86	4.19
Louisiana	(D)	3.88	(D)
			` ,
Maine	(S)	(S)	(S)
Maryland	4.14	4.49	(D)
Massachusetts	(S)	(S)	(S)
Michigan	3.73	3.70	4.30
Minnesota	3.43	3.51	3.74
Mississippi	4.03	(D)	(D)
1 1	3.65	3.81	4.04
Missouri			
Montana	3.81	(S)	(D)
Nebraska	3.58	3.62	3.92
Nevada	(S)	(S)	(S)
New Hampshire	(S)	(S)	(S)
New Jersey	(D)	(D)	(D)
New Mexico	(D)	(D)	(S)
New York	4.16	4.32	4.46
North Carolina	4.50	4.31	4.76
North Dakota	3.28	3.38	3.58
Ohio	3.78	3.79	4.28
Oklahoma	3.83	3.93	4.33
Oregon	(S)	(D)	(S)
Pennsylvania	4.18	4.14	4.53
Rhode Island	(S)	(S)	(S)
South Carolina	(D)	(D)	(D)
South Dakota	3.38	3.48	3.80
Tennessee	3.92	3.83	4.20
Texas	4.24	4.29	4.37
Utah	(S)	(D)	(S)
	(S) (S)		
Vermont	` '	(S)	(S)
Virginia	4.56	4.36	4.87
Washington	(D)	(D)	(D)
West Virginia	(D)	(D)	(D)
Wisconsin	3.57	3.51	3.89
Wyoming	(S)	(D)	(S)
United States 1	2.50	2.02	0.00
United States ¹	3.58	3.63	3.98

⁽D) Withheld to avoid disclosing data for individual operations.
(S) Insufficient number of reports to establish an estimate.

¹ United States price includes Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Carolina, North Dakota, Ohio, Pennsylvania, South Dakota, Tennessee, Texas, and Wisconsin.

Prices Received for Soybeans - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	8.64	7.98	(D)
Illinois	9.79	8.23	8.58
Indiana	10.20	8.39	8.71
lowa	9.52	7.89	8.28
Kansas	9.64	7.57	8.08
Kentucky	10.30	8.28	8.65
Louisiana	(D)	(D)	7.04
Michigan	9.85	8.08	8.41
Minnesota	9.23	8.03	8.27
Mississippi	(D)	(D)	7.66
Missouri	9.60	8.01	8.43
Nebraska	9.55	7.64	8.04
North Carolina	9.45	8.24	8.52
North Dakota	8.98	7.40	7.64
Ohio	9.67	8.15	8.53
South Dakota	9.21	7.40	7.92
Tennessee	9.67	8.24	8.62
Wisconsin	9.84	7.92	8.22
United States	9.55	8.02	8.31

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Dry Beans - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California Colorado Idaho Michigan Minnesota Nebraska North Dakota	(S) (D) 25.00 32.00 23.40 (D) 22.60	65.70 23.00 22.40 30.90 (D) (D) 21.80	(D) (D) 20.10 (D) (D) (D) 21.50
United States	23.50	24.90	22.90

⁽D) Withheld to avoid disclosing data for individual operations. (S) Insufficient number of reports to establish an estimate.

Prices Received for Peanuts (in shell) - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.219	0.199	0.204
Arkansas	0.191	(S)	0.217
Florida	0.239	0.200	0.204
Georgia	0.221	0.198	0.202
Mississippi	0.203	0.207	0.213
New Mexico	(S)	0.250	0.238
North Carolina	0.238	0.219	0.222
Oklahoma	0.244	0.235	0.214
South Carolina	0.224	0.212	0.203
Texas	0.247	0.254	0.330
Virginia	0.242	0.233	0.197
United States	0.227	0.206	0.217

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for Sunflower - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	(D) 21.10 18.40 16.80	(D) 18.60 22.00 16.70	(D) (D) 20.00 16.90
United States	17.70	18.30	17.90

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Canola - States and United States: June 2019 with Comparisons

State	June 2018	May 2019	June 2019
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D) (D) 18.10 12.50	(D) (D) 15.20 (S)	(D) 14.20 15.30 10.40
United States	17.20	15.20	14.90

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Flaxseed - States and United States: June 2019 with Comparisons

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State	June 2018	May 2019	June 2019					
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)					
North Dakota	10.00	9.54	9.07					
United States	10.00	9.54	9.07					

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for Upland Cotton and Cottonseed – States and United States: June 2019 with Comparisons

[Cottonseed marketing year August - February]

		Cotton, Upland		Cottonseed			
State	June 2018	May 2019	June 2019	June 2018	May 2019	June 2019	
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)	
Alabama Arizona Arkansas California Georgia Louisiana Mississippi North Carolina Tennessee Texas	(D) (D)	(D) (S) (D) (S) (D) (D) (D) (D) (D)	(D) (S) (D) (S) 0.712 (D) (D) (D) (D) 0.547	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	
United States	0.757	0.717	0.678	(NA)	(NA)	(NA)	

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received and Marketings for Upland Cotton and Rice – United States: June 2019 with Comparisons

Item	June 2018	May 2019	June 2019
Cotton, Upland Average pricedollars/pound Marketings ¹ 1,000 bales	0.757	0.717	0.678
	294	416	368
Rice, all Average price	13.10	11.60	11.80
	9,066	14,227	11,126
Rice, long Average price	11.90	10.40	10.70
	7,044	11,775	9,114
Rice, medium and short California Average pricedollars/cwt	20.10	19.20	18.90
Other States ³ Average pricedollars/cwt	12.50	12.60	12.70
United States Average price	17.30	17.30	16.50
	2,022	2,452	2,012

¹ Marketings based on a survey of cotton buyers in the major producing States - Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, North Carolina, Tennessee, and Texas.

⁽NA) Not available.

⁽S) Insufficient number of reports to establish an estimate.

² Purchases by private firms and rice (rough equivalent) shipped by cooperatives.

³ Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas.

Prices Received for Hay by Type - States and United States: June 2019 with Comparisons

		All hay			Alfalfa hay			Other hay	
State	June 2018	May 2019	June 2019	June 2018	May 2019	June 2019	June 2018	May 2019	June 2019
	(dollars per ton)								
Arizona California	220.00 187.00	240.00 208.00	220.00 188.00	220.00 200.00	240.00 220.00	220.00 200.00	200.00 145.00	200.00 165.00	200.00 150.00
Colorado	200.00	229.00	240.00	200.00	230.00	240.00	200.00	220.00	230.00
Idaho	146.00	156.00	160.00	145.00	155.00	160.00	160.00	160.00	160.00
Illinois	142.00	160.00	155.00	160.00	170.00	165.00	100.00	130.00	130.00
lowa	116.00	156.00	138.00	119.00	168.00	141.00	105.00	133.00	130.00
Kansas	150.00	126.00	136.00	166.00	151.00	150.00	103.00	83.00	96.00
Kentucky	153.00	173.00	155.00	215.00	215.00	210.00	135.00	145.00	140.00
Michigan	126.00	182.00	183.00	130.00	195.00	195.00	110.00	150.00	130.00
Minnesota	110.00	171.00	181.00	115.00	180.00	192.00	97.00	143.00	152.00
Missouri	110.00	133.00	125.00	165.00	155.00	150.00	100.00	125.00	120.00
Montana	156.00	148.00	148.00	160.00	150.00	150.00	135.00	140.00	140.00
Nebraska	108.00	117.00	120.00	122.00	123.00	128.00	70.00	95.00	96.00
Nevada	180.00	165.00	170.00	180.00	165.00	170.00	160.00	170.00	180.00
New Mexico	230.00	235.00	229.00	240.00	245.00	240.00	175.00	180.00	170.00
New York	108.00	171.00	168.00	133.00	186.00	181.00	102.00	166.00	165.00
North Dakota	111.00	84.00	98.00	113.00	85.00	99.00	71.00	68.00	77.00
Ohio	164.00	171.00	181.00	180.00	195.00	215.00	115.00	140.00	130.00
Oklahoma	95.00	151.00	131.00	185.00	196.00	189.00	85.00	143.00	124.00
Oregon	190.00	198.00	200.00	200.00	200.00	200.00	180.00	190.00	200.00
Pennsylvania	142.00	210.00	194.00	155.00	230.00	231.00	139.00	200.00	185.00
South Dakota	104.00	115.00	108.00	106.00	120.00	110.00	90.00	94.00	94.00
Texas	146.00	158.00	149.00	218.00	203.00	193.00	120.00	135.00	133.00
Utah	160.00	185.00	185.00	160.00	185.00	185.00	125.00	150.00	150.00
Washington	195.00	190.00	202.00	190.00	190.00	195.00	210.00	190.00	220.00
Wisconsin	144.00	207.00	213.00	148.00	216.00	219.00	118.00	179.00	176.00
Wyoming	159.00	165.00	163.00	165.00	170.00	170.00	140.00	140.00	140.00
United States	160.00	187.00	177.00	181.00	204.00	193.00	121.00	152.00	146.00

Prices Received for Premium and Supreme Alfalfa Hay - States and 5-State Total: June 2019

State	June 2018	May 2019	June 2019
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	225.00 170.00 200.00 232.00 222.00 294.00 247.00 264.00	225.00 190.00 200.00 211.00 246.00 296.00 235.00 252.00
5-State Total ^{1 2}	(NA)	222.00	217.00

⁽D) Withheld to avoid disclosing data for individual operations.

⁽NA) Not available.

¹ 5-State total represents a weighted (hay purchases) average price for the five largest milk producing States (based on the pounds of milk produced during the previous month).

² For May 2019, includes California, Idaho, New York, Texas, and Wisconsin. For June 2019, includes California, Idaho, New York, Texas, and Wisconsin.

Prices Received for Apples - States and United States: June 2019 with Comparisons

[Equivalent packinghouse-door returns for California, Michigan, New York, Pennsylvania, and Washington. Prices at point of first sale for other States]

State	Apples, fresh use						
State	June 2018	May 2019	June 2019				
	(dollars per pound)	(dollars per pound)	(dollars per pound)				
California Michigan New York Pennsylvania Virginia Washington	(S)	(S) 0.290 0.367 0.413 (S) 0.400	(S) 0.290 0.376 0.483 (S) 0.384				
United States	0.286	0.392	0.380				

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for Citrus Fruits by Utilization - States and United States: June 2018

[Net pounds per box: grapefruit in California-80, Florida-85, Texas-80; lemons-80; oranges in California-80, Florida-90, Texas-85]

Commodity,	FOB		Equivalent returns					
State,	packed	packed Packinghouse door				On-tree		
and type	fresh	All	Fresh	Process	All	Fresh	Process	
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	
Grapefruit California	(D) (S) (S) (S) (S) (S)	17.55 (S) (S) (S) (S) (S)	(D) (S) (S) (S) (S) (S)	(D) (S) (S) (S) (S) (S)	14.71 (S) (S) (S) (S) (S)	(D) (S) (S) (S) (S)	(D) (S) (S) (S) (S) (S)	
Lemons Arizona California United States	(S) 49.10 49.10	(S) 35.53	(S) 39.07 39.07	(S) (D) (D)	(S) 29.14 29.14	(S) 32.55 32.55	(S) (D) (D)	
Oranges California, all	42.00 43.70 39.60 35.70 (S) 35.70 (S) (S)	26.37 29.63 22.65 (S) (S) (S) (S) (S) (S)	32.07 33.78 29.68 24.90 (S) 24.90 (S) (S) (S)		23.57 26.84 19.83 (S) (S) (S) (S) (S) (S)	29.31 31.02 26.92 21.65 (S) 21.65 (S) (S)		
United States	41.60	25.92	31.57	(D)	23.08	28.78	(D)	

⁽D) Withheld to avoid disclosing data for individual operations.

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for Citrus Fruits by Utilization – States and United States: May 2019 [Net pounds per box: grapefruit in California-80, Florida-85, Texas-80; lemons-80; oranges in California-80, Florida-90, Texas-85]

Commodity,	FOB	Equivalent returns						
State,	packed	Packinghouse door				On-tree		
and type	fresh	All	Fresh	Process	All	Fresh	Process	
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	
Grapefruit California Florida, all White Red Texas United States	(D) (S) (S) (S) (S) 33.70	15.96 (S) (S) (S) (D)	(D) (S) (S) (S) 22.10 (D)	(D) (S) (S) (S) (D)	13.14 (S) (S) (S) (D) 7.46	(D) (S) (S) (S) (S) 20.49	(D) (S) (S) (S) (D)	
Lemons Arizona California United States	(S) 40.90 40.90	(S) 22.12 22.12	(S) 30.67 30.67	(S) (D) (D)	(S) 15.92 15.92	(S) 24.02 24.02	(S) (D) (D)	
Oranges California, all	25.60 26.90 (D) 27.30 (S) 27.30 27.90 (S) 27.90	10.49 10.03 (D) 15.52 (S) 15.52 (D) (D) 16.30	15.51 16.78 (D) 16.50 (S) 16.50 16.30 (S)	(D) (D) (D) 15.50 (S) 15.50 (D) (D) (S)	7.60 7.14 (D) 12.27 (S) 12.27 (D) (D)	12.69 13.96 (D) 13.25 (S) 13.25 14.47 (S)	(D) (D) (D) 12.25 (S) 12.25 (D) (D) (S)	
United States	25.80	13.63	15.60	13.17	10.55	12.75	10.04	

⁽D) Withheld to avoid disclosing data for individual operations. (S) Insufficient number of reports to establish an estimate.

Prices Received for Citrus Fruits by Utilization - States and United States: June 2019

[Net pounds per box: grapefruit in California-80, Florida-85, Texas-80; lemons-80; oranges in California-80, Florida-90, Texas-85]

Commodity,	FOB	Equivalent returns						
State,	packed	Р	ackinghouse do	or		On-tree	_	
and type	fresh	All	Fresh	Process	All	Fresh	Process	
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	
Grapefruit California	(D) (S) (S) (S) (S)	14.71 (S) (S) (S) (S)	(D) (S) (S) (S) (S)	(D) (S) (S) (S) (S)	11.79 (S) (S) (S) (S)	(D) (S) (S) (S) (S)	(D) (S) (S) (S) (S)	
United States	(D)	14.73	(D)	(D)	11.81	(D)	(D)	
Lemons Arizona California United States	(S) 43.40 43.40	(S) 26.33 26.33	(S) 33.17 33.17	(S) (D) (D)	(S) 20.02 20.02	(S) 26.52 26.52	(S) (D) (D)	
Oranges California, all	24.50 27.00 23.10 26.80 (S) 26.80 (S) (S) (S)	8.08 6.32 9.94 16.00 (S) 16.00 (S) (S)	14.42 16.88 12.98 16.00 (S) 16.00 (S) (S) (S)	(D) (D) (D) 16.00 (S) 16.00 (S) (S) (S)	5.17 3.38 7.07 12.75 (S) 12.75 (S) (S) (S)	11.60 14.06 10.16 12.75 (S) 12.75 (S) (S) (S)	(D) (D) (D) 12.75 (S) 12.75 (S) (S) (S)	
United States	24.70	11.15	14.54	9.05	8.11	11.69	5.90	

⁽D) Withheld to avoid disclosing data for individual operations. (S) Insufficient number of reports to establish an estimate.

Prices Received for All Milk - States and United States: June 2019 with Comparisons

[Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies]

Ctata	June 2018	3	May 2019)	June 20	19
State	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	16.00	3.60	17.40	3.65	17.80	3.68
California	15.74	3.79	17.80	3.79	18.10	3.84
Colorado	16.80	3.58	18.40	3.76	18.30	3.68
Florida	20.40	3.61	21.40	3.57	22.00	3.59
Georgia ¹	17.10	3.59	19.30	3.60	19.40	3.58
Idaho	15.70	3.83	17.40	3.85	17.40	3.82
Illinois	16.10	3.74	18.10	3.87	18.00	3.80
Indiana	15.50	3.62	17.60	3.79	17.60	3.72
lowa	16.20	3.77	18.50	3.94	18.20	3.83
Kansas	15.30	3.69	16.90	3.87	17.10	3.83
Michigan	14.80	3.70	16.80	3.75	16.90	3.69
Minnesota	16.30	3.80	18.40	3.98	18.20	3.89
New Mexico	14.90	3.56	16.50	3.69	16.60	3.65
New York	16.90	3.74	18.40	3.84	18.60	3.78
Ohio	16.10	3.71	18.00	3.78	18.10	3.73
Oregon	19.10	3.93	20.50	4.00	20.60	3.95
Pennsylvania	17.00	3.68	18.60	3.77	18.80	3.73
South Dakota	17.00	3.97	19.40	4.20	19.10	4.07
Texas	17.00	3.91	18.50	4.09	18.60	4.03
Utah	16.10	3.70	17.60	3.84	17.90	3.80
Vermont	17.40	3.79	18.80	3.93	19.00	3.86
Virginia	17.60	3.65	18.80	3.66	19.10	3.63
Washington	17.10	3.93	18.30	4.00	18.50	3.95
Wisconsin	16.50	3.74	18.10	3.84	17.90	3.76
United States	16.30	3.76	18.00	3.84	18.10	3.80

¹ Beginning in June 2019, Georgia was added to the monthly price program.

Prices Received for Milk Cows - States and United States: July 2019 with Comparisons

[Animals sold for dairy herd replacement only. Quarterly United States milk cow prices are based on revised milk cow inventory]

State	July 2018	April 2019	July 2019
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,450	1,300	1,350
California	1,300	1,100	1,300
Colorado	1,450	1,200	1,200
Florida	1,430	1,200	1,220
Georgia ¹	1,350	1,200	1,260
Idaho	1,500	1,200	1,300
Ilinois	1,250	1,170	1,200
ndiana	1,200	1,100	1,150
owa	1,220	1,090	1,180
Kansas	1,450	1,300	1,300
Michigan	1,300	1,180	1,250
Minnesota	1,170	1,060	1,100
New Mexico	1,500	1,200	1,250
New York	1,200	1,090	1,180
Ohio	1,100	1,000	1,050
Oregon	1,450	1,200	1,300
Pennsylvania	1,250	1,090	1,160
South Dakota	1,300	1,170	1,170
Texas	1,500	1,250	1,350
Jtah	1,400	1,100	1,100
/ermont	1,400	1,120	1,250
Virginia	1,200	980	1,070
Washington	1,400	1,150	1,250
Wisconsin	1,250	1,130	1,210
United States	1,320	1,140	1,240

¹ Beginning in June 2019, Georgia was added to the quarterly milk cow price program.

Commodity Parity Prices and Price as Percent of Parity Price – United States: June 2019 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February Agricultural Prices for details on adjusted base price and parity price computations. Parity data not available for blank cells. Primary source of data for livestock and milk prices is United States Department of Agricultural Marketing Service]

Commodity and unit	Adjusted		Parity price			Price as percent	t
Commodity and unit	base price	June 2018	May 2019	June 2019	June 2018	May 2019	June 2019
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
Basic commodities							
All wheat bushel	0.571	17.60	17.10	17.00	29	28	28
Ricecwt	1.34	40.00	40.20	40.00	33	29	30
Cornbushell	0.438	13.20	13.20	13.10	27	28	30
Uplandpound	0.069	2.00	2.07	2.06	38	35	33
American Pimapound	0.140	4.00	4.08	4.18	35	34	33
Peanutspound	0.023	0.677	0.690	0.686	34	30	32
Small chickpeas 1 cwt	2.42	71.00	72.60	72.20	28	36	27
Large chickpeas 1cwt	3.26	96.60	97.70	97.30	39	23	21
Lentils ¹ cwt	2.55	78.00	76.70	76.10	26	17	18
Designated non-basic							
All milk, to plants ² cwt	1.76	52.10	52.80	52.50	32	36	36
Honey, extracted ³ pound	0.186	5.15	5.58	5.55	42	39	39
Wool and mohair							
Woolpound	0.140	3.86	4.20	4.18	38	42	42
Mohairpound	0.425	12.00	12.80	12.70	41	41	41
Other non-basic							
Apples, fresh 4pound	0.035	1.030	1.050	1.040	29	37	37
Barley bushel	0.502	14.90	15.10	15.00	31	32	32
Canola cwt	1.87	55.30	56.40	55.80	31	27	27
Cottonseedton	19.50	595.00	606.00	582.00	26	29	30
Dry edible beanscwt	3.19	96.00	95.90	95.20	24	26	24
Flaxseedbushel	1.09	33.90	32.70	32.50	29	29	28
Oatsbushel	0.288	8.60	8.63	8.59	35	36	39
Potatoes, freshcwt	1.07	32.70	33.30	31.90	36	33	38
Sorghum graincwt	0.742	22.40	22.20	22.10	31	26	29
Soybeans bushel	1.09	32.70	32.70	32.50	29	25	26
Sunflower, allcwt	2.10	64.20	63.00	62.70	28	29	29
Citrus (equivalent on-tree)							
Grapefruitbox	0.837	21.70	22.10	25.00	68	34	47
Lemonsbox	1.87	55.10	56.10	55.80	53	28	36
Orangesbox	1.010	26.80	27.30	30.10	86	39	27
Livestock and poultry							
Beef cattlecwt	11.70	336.00	351.00	349.00	33	34	33
Broilerspound	0.052	1.50	1.56	1.55	49	37	35
Calves cwt	17.00	486.00	510.00	507.00	33	29	29
Eggs ² dozen	0.102	2.97	3.06	3.04	39	22	27
Hogscwt	5.69	167.00	171.00	170.00	35	36	35
Turkeys, livepound	0.066	1.940	1.980	1.970	26	27	28

¹ Parity prices began January 2015.

² Seasonally adjusted price as percentage of parity price.

³ Wholesale extracted. Adjusted base price derived from state annual averages prices weighted by production. For 1982 through 1985 the national averages are the support prices.

⁴ Equivalent packinghouse-door returns for California, New York, Oregon, and Washington. Price at point of first sale for other states.

Commodity Parity Prices - United States: June 2019 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

	Adjusted	Parity price			
Commodity and unit	base price	June 2018	May 2019	June 2019	
	(dollars)	(dollars)	(dollars)	(dollars)	
Field crops and miscellaneous					
Hopspound	0.406	11.60	12.20	12.10	
Mustard seed cwt	3.15	97.70	98.90	94.00	
Rapeseedcwt	2.64	80.10	81.20	78.80	
Ryebushel	0.628	18.50	18.80	18.70	
Safflower cwt	2.19	65.90	67.20	65.30	
Spearmint oilpound	1.75	50.90	51.90	52.20	
Sweet potatoes cwt	2.06	60.10	62.10	61.50	
Tobacco					
Flue-cured, 11-14pound	0.187	5.42	5.55	5.58	
Fire-cured, 21-23pound	0.257	7.48	7.61	7.67	
Burley, 31pound	0.184	5.30	5.43	5.49	
Maryland, 32pound	0.173	5.03	5.13	5.16	
Dark air-cured, 35-37pound	0.229	6.71	6.84	6.83	
Pennsylvania seedleaf, 41pound	0.201	5.77	5.88	6.00	
Non-citrus fruit					
Apples, processing ^{1 2} ton	20.30	595.00	606.00	606.00	
Apricots					
Fresh ³ ton	128.00	3,560.00	3,630.00	3,820.00	
Dried (California)ton	313.00	9,210.00	9,380.00	9,340.00	
Avocados ^{2 3} ton	198.00	5,890.00	6,000.00	5,910.00	
Cherries		·	·		
Sweetton	210.00	6,330.00	6,450.00	6,270.00	
Tart ² pound	0.030	0.942	0.959	0.895	
Cranberry ^{2 4} barrel	3.55	114.00	116.00	106.00	
Dates (California) 3ton	184.00	4,680.00	4,770.00	5,490.00	
Grapes (California)					
Raisin variety ⁵ ton	147.00	4,330.00	4,410.00	4,390.00	
Wine, processington	75.90	2.120.00	2.160.00	2.260.00	
Kiwifruit ² ton	105.00	3,090.00	3,150.00	3,130.00	
Nectarines, fresh (California) 3ton	78.50	2,150.00	2,190.00	2,340.00	
Olives, canning (California) 4ton	111.00	3,120.00	3,180.00	3,310.00	

See footnote(s) at end of table.

Commodity Parity Prices - United States: June 2019 with Comparisons (continued)

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February Agricultural Prices for details on adjusted base price and parity price computations]

	1					
	Adjusted	Parity price				
Commodity and unit	base price	June 2018	May 2019	June 2019		
	(dollars)	(dollars)	(dollars)	(dollars)		
Non-citrus fruit - continued						
Papayas (Hawaii)pound Peaches	0.045	1.24	1.26	1.34		
Fresh 4 6ton	103.00	2,860.00	2,920.00	3,070.00		
Dried (California) 1 5ton	43.30	1,270.00	1,300.00	1,290.00		
Processing, excludes dried						
Clingstone (California) 4ton	39.20	1,110.00	1,140.00	1,170.00		
Pears, Fresh ⁶ ton	63.90	1,870.00	1,910.00	1,910.00		
Plums (California) equivalent on-tree						
Fresh 7ton	74.50	2,010.00	2,050.00	2,220.00		
Prunes, dried (California) 1 2 5ton Strawberries	178.00	5,030.00	5,130.00	5,310.00		
Fresh 10pound	9.82	283.00	288.00	293.00		
Processingpound	3.74	107.00	109.00	112.00		
Sugar crops						
Sugar beets 2 8ton	5.10	150.00	153.00	152.00		
Sugarcane ^{2 8} ton	3.50	102.00	105.00	104.00		
Tree nuts 9						
Almondspound	0.253	7.12	7.26	7.55		
Hazelnutston	237.00	6,920.00	7,080.00	7,070.00		
Pistachiospound	0.244	6.98	7.14	7.28		
Walnutston	236.00	6,950.00	7,110.00	7,040.00		
Vegetables, fresh ¹⁰						
Čarrots ¹¹ cwt	2.82	81.80	83.60	84.10		
Cauliflower 11 cwt	4.66	135.00	138.00	139.00		
Celery 11 cwt	2.05	58.30	59.40	61.20		
Honeydew melonscwt	2.04	59.50	60.60	60.90		
Lettuce cwt	2.52	71.50	72.90	75.20		
Onions ¹¹ cwt	1.41	41.50	42.30	42.10		
Tomatoes cwt	4.01	119.00	121.00	120.00		

¹ Equivalent returns at processing plant door.

² Adjusted base price is carried forward from the previous year since current marketing year average price is not yet available.

³ Equivalent returns at packinghouse door.

⁴ Equivalent returns for bulk fruit at first delivery point.

⁵ Dried basis.

⁶ Equivalent packinghouse-door returns for California, New York (apples only), Oregon (except peaches), and Washington. Price at point of first sale for other states.

⁷ Based on "as sold" prices for fresh fruit in all states.

⁸ Relates to prices including average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.

⁹ Prices In-Shell basis except almonds which are shelled basis.

¹⁰ FOB shipping point price.

¹¹ Includes some processing.

Marketing Year for Specified Commodities

Sugarbeets: September 1 to August 31 for United States and all estimating States. Estimating States are California, Colorado, Idaho, Michigan, Minnesota, Montana, Nebraska, North Dakota, Oregon, Washington, and Wyoming.

Sugarcane: October 1 to September 30 for United States and all estimating States. Estimating States are Florida, Louisiana, and Texas.

Prices Received for Sugar Crops, Market Year Average and Value of Production - United States: 2018

[Final prices and value of production by States will be published in "Crop Values" February 2020. Price per ton of cane for sugar used in evaluating value of production for seed]

	Sugarbeet	s ¹	Sugarcane ²			
		Value	For suga	ır	Sugar and seed	
	Price	of production	Price	Value of production	Value of production	
	(dollars per ton)	(1,000 dollars)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	
United States	35.50	1,177,992	33.40	1,100,218	1,154,907	

¹ Includes California, Colorado, Idaho, Michigan, Minnesota, Montana, Nebraska, North Dakota, Oregon, Washington, and Wyoming.

² Includes Florida, Louisiana, and Texas.

Parity Prices Overview

Parity prices based on data July 2018 and adjusted base price data from which parity prices are computed, are presented in the table on pages 28 through 33. Annual average prices for 2008 through 2017 for use in parity computations, and tenyear averages for 2007-2016 and 2008-2017 are shown on pages 34 through 43.

Parity Prices shown on the following pages are computed under the provisions of Title III. Subtitle A, Section 301(a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, 1954, and 1956.

The major provisions of the amended Act relating to the calculation of parity prices are as follows:

- "(1) (A) The 'parity price' for any agricultural commodity, as of any date, shall be determined by multiplying the adjusted base price of such commodity as of such date by the parity index as of such date."
- "(B) The 'adjusted base price' of any agricultural commodity, as of any date, shall be (i) the average of the prices received by farmers for such commodity, at such time as the Secretary may select during each year of the ten-year period ending on the 31st of December last before such date, or during each marketing season beginning in such period if the Secretary determines use of a calendar year basis to be impracticable, divided by (ii) the ratio of the general level of prices received by farmers for agricultural commodities during the period January 1910 to December 1914, inclusive."
- "(C) The 'parity index', as of any date, shall be the ratio of (i) the general level of prices for articles and services that farmers buy, wages paid hired farm labor, interest on farm indebtedness secured by farm real estate, and taxes on farm real estate, for the calendar month ending last before such date to (ii) the general level of such prices, wages, rates, and taxes during the period January 1910 to December 1914, inclusive."
- "(D) The prices and indexes provided for herein, and the data used in computing them, shall be determined by the Secretary, whose determination shall be final."

Section 301(a) (1) (F) outlines authority for the Secretary of Agriculture to make special adjustments in the method of computing parity prices for particular commodities if the method outlined in the Act results in parity prices seriously out of line with those of other commodities.

The parity prices shown in this report are based on the provisions of the amended Act. Briefly, the actual method of computation is as follows:

- a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2018 it is the 2008-2017 average). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.
- b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".
- c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

Parity prices are calculated in terms of prices received by farmers in the local markets in which they ordinarily sell. This means that the parity prices apply to the average of all classes and grades of the commodity as sold by all farmers in the United States, except as otherwise specified. Fruits and vegetables for fresh use and for processing are usually considered separate commodities and separate parity prices are calculated. The Agricultural Marketing Agreement Act of 1937 provided for parity prices for certain commodities covered by a marketing agreement or order program. Under present legislation, United States parity prices, with appropriate adjustments where needed, may be used for the purpose of this Act.

The indexes used in the computation of parity prices are published currently in *Agricultural Prices*. For the purpose of illustrating the computation of parity prices, the calculation of the parity price for corn based on data for June 2019 is given below.

The 120-month, January 2009-December 2018 average of prices received by farmers for corn was \$4.46 per bushel, adjusted to allow for unredeemed loans and other supplemental payments resulting from price support operations. The 120-month average of the Index of Prices Received by Farmers, adjusted to include an allowance for unredeemed loans, etc., was 1018 (1910-1914=100). The adjusted base price is obtained by dividing \$4.46 by 10.18 (0.438). The adjusted base price when multiplied by 2984 percent, the Parity Index (1910-1914=100), results in the corn parity price of \$13.10 for June 2019

Prices Received For Average Base Period - United States: January 1910-December 1914

Commodity	and unit	Average Price		
All wheat	dollars/bushel	0.88		
Rice rough	dollars/cwt	1.8		
Corn	dollars/bushel	0.64		
Oats	dollars/bushel	0.39		
All barley		0.61		
All hay, baled		11.9		
Cotton, Upland		11.9		
Peanuts	· · · · · · · · · · · · · · · · · · ·	4.8		
Cottonseed	· · · · · · · · · · · · · · · · · · ·	21.8		
Flaxseed		1.6		
Potatoes	dollars/cwt	1.1		
Sweet potatoes	dollars/cwt	1.6		
Ory edible beans		3.3		
All beef cattle	dollars/cwt	5.5		
Calves	dollars/cwt	6.8		
All hogs	dollars/cwt	7.2		
_ambs	dollars/cwt	5.9		
Sheep	dollars/cwt	4.5		
All milk	dollars/cwt	1.6		
All eggs	cents/dozen	21.6		
Furkeys, live		14.3		
Wool		17.8		

Parity Ratio

The parity ratio (the Index of Prices Received by Farmers for the products they sell divided by the Parity Index (1910-1914=100) provides an indication of the per unit purchasing power of farm commodities generally in terms of the goods and services currently bought by farmers, in relation to purchasing power of farm products in the 1910-1914 base period. Thus, a Parity Ratio less than 100 indicates that the average per unit purchasing power of all farm products is lower than during the 1910-1914 period.

The parity ratio is a measure of price relationships. The ratio is not a measure of farm income, farmers' total purchasing power, or farmers' welfare. The latter depends upon a number of factors other than price relationships, such as changes in production efficiency and technology, quantities of farm products sold, and supplementary income, including that from off-farm jobs and federal programs.

An adjusted parity ratio is computed and published which incorporates supplementary income for federal farm programs. A "preliminary adjusted parity ratio reflecting government payments" based on the forecast of direct government payments for the year is published each quarter in *Agricultural Prices*.

Commodity and unit	Adjusted base price 1	Parity price ²
	(dollars)	(dollars)
Basic commodities		
All wheat ³ bushel	0.571	16.90
Rice ³ cwt	1.34	39.60
Corn ³ bushel	0.438	13.00
Cotton	51.155	10.00
Upland ³ pound	0.069	2.04
American Pimapound	0.140	4.02
Peanutspound	0.023	0.680
Tobacco		
Flue-cured, 11-14pound	0.187	5.47
Fire-cured, 21-23pound	0.257	7.51
Burley, 31pound	0.184	5.35
Maryland, 32pound	0.173	5.06
Dark air-cured, 35-37pound	0.229	6.74
Pennsylvania seedleaf, 41pound	0.201	5.80
Small chickpeascwt	2.42	71.60
Large chickpeas	3.26	96.40
Lentils	2.55	75.70
Soybeans ³ bushel	1.09	32.20
Designated nonbasic commodities		
All milk sold to plantscwt	1.76	52.10
Honey, wholesalepound	0.186	5.50
Wool and mohair		
Wool ³ pound	0.140	4.14
Mohairpound	0.425	12.60
Other nonbasic commodities		
Field crops and miscellaneous		
All barley ³ bushel	0.502	14.90
Canolacwt	1.87	55.60
Cottonseed ton	19.50	598.00
Dry edible beanscwt	3.19	94.70
Flaxseedbushel	1.09	32.20
Hay, baled ton	14.80	438.00
Hopspound	0.406	12.00
Mustard seedcwt	3.15	97.60
Oats ³ bushel	0.288	8.52
Peppermint oil ³ pound	2.11	61.20
Potatoes, freshcwt	1.07	32.80
Rapeseedcwt	2.64	80.20
Ryebushel	0.628	18.50
Safflowercwt	2.19	66.30
Sorghum grain ³ cwt	0.742	21.90
Spearmint oilpound	1.75	51.20
Sunflowercwt	2.10	62.10
Sweet potatoes	2.06	61.20

See footnote(s) at end of table.

Commodity and unit	Adjusted base price 1	Parity price ²	
	(dollars)	(dollars)	
Citrus (equivalent on-tree)			
Grapefruit ⁴ box	0.837	21.80	
Lemons ⁴ box		55.30	
Oranges ⁴ box	_	26.90	
Tangerines ⁴ box		54.10	
Deciduous and other fruit			
Apples			
Fresh ⁶ pound	0.035	1.040	
Processing ⁴ ton	20.30	598.00	
Apricots			
Freshton	128.00	3,580.00	
Processing		•	
Dried (California) 5ton	313.00	9,260.00	
Allton		1,320.00	
Avocados ⁴ ton	198.00	5,920.00	
Cherries			
Sweetton	210.00	6,360.00	
Tart ⁴ pound	0.030	0.947	
Cranberries ⁴ barrel	3.55	114.00	
Dates (California) 7ton	184.00	4,700.00	
Grapes		,	
Raisin varieties dried (California) 5ton	147.00	4,350.00	
Wine, processing (California)ton		2,130.00	
Kiwifruit ⁴ ton		3,110.00	
Nectarines (California)	100.00	0,110.00	
Fresh ⁷ ton	78.50	2,160.00	
Olives (California) ⁹			
Processing			
Crushed for oilton	60.70	1,820.00	
Excluding crushedton	99.20	2,720.00	
Cannington	111.00	3,140.00	
Papayas (Hawaii), freshpound	0.045	1.240	
Peaches			
Fresh 6 9ton	103.00	2,880.00	
Processing		,	
Dried (California) 8 5ton	43.30	1,280.00	
Excluding dried		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Clingstone (California) 9ton	39.20	1,120.00	
Freestone 8ton	33.40	938.00	
Pears			
Fresh ⁶ ton	63.90	1,880.00	
Processing ⁸		,	
Excluding driedton	29.50	831.00	
3		<u> </u>	

See footnote(s) at end of table.

Commodity and unit		Adjusted base price 1	Parity price ²
		(dollars)	(dollars)
Deciduous and other fruit, continued			
Plums (California) equiv on-tree			
Fresh 10	ton	74.50	2,030.00
Processing		16.10	414.00
Prunes, dried (California) ^{4 5}		178.00	5,060.00
Strawberries	1011	170.00	3,000.00
Fresh 10	nound	9.820	285.00
Processing	pouna	3.740	107.00
Sugar crops			
Sugarbeets 4 12		5.10	152.00
Sugarcane 4 12	ton	3.50	104.00
Tree nuts 13			
Almonds	pound	0.253	7.16
Hazelnuts	ton	237.00	6,980.00
Pecans, all		398.00	11,880.00
Pistachio, all		0.244	7.04
Walnuts		236.00	7,010.00
wands	torr	230.00	7,010.00
√egetables, fresh ¹¹			
Asparagus		11.70	337.00
Broccoli 14	cwt	4.00	116.00
Carrots 14	cwt	2.82	82.50
Cauliflower 14		4.66	136.00
Celery ¹⁴	cwt	2.05	58.60
Honeydew melons		2.04	59.80
Lettuce		2.52	71.90
Onions 14		1.41	41.70
Sweet corn		2.75	80.50
Tomatoes		4.01	120.00
Tomatoes	CVVI	4.01	120.00
√egetables, processing ⁸			
Asparagus		151.00	4,380.00
Green peas	ton	32.70	997.00
Snap beans	ton	22.10	666.00
Sweet corn	ton	10.10	314.00
Tomatoes	ton	8.32	245.00
Livestock and products			
Beef cattle	cwt	11.70	346.00
Broilers		0.052	1.54
Calves		17.00	503.00
_			
Eggs		0.102	3.02
Hogs	_	5.69	168.00
Turkeys	pound	0.066	1.95

See footnote(s) at end of table.

Commodity and unit	Adjusted base price 1	Parity price ²		
	(dollars)	(dollars)		
Discontinued nonbasic commodities ¹⁵				
Field crops and miscellaneous				
Crude pine gumbarrel	13.90	411.00		
Dry field peas cwt	1.89	55.90		
Popcorncwt	1.81	53.50		
Citrus (equiv on-tree)				
Templesbox	0.372	11.00		
Deciduous and other fruit				
Berries, processing				
Blackberriespound	0.620	18.30		
Black raspberriespound	0.106	3.14		
Boysenberries/youngberriespound	0.088	2.60		
Gooseberriespound		1.09		
Loganberriespound		1.77		
Red raspberriespound		2.48		
Grapes, excluding raisin variety driedton	65.50	1,940.00		
Nectarines, processing ¹⁷ ton		125.00		
Pears, driedton		5,060.00		
Prunes and Plums, fresh 16ton		1,810.00		
Prunes and Plums, processing 16ton		704.00		
Vegetables, fresh				
Artichokes cwt	4.55	135.00		
Cabbage cwt		40.80		
Cantaloupes		63.00		
Cucumbers		67.40		
Eggplantcwt	_	71.30		
Escarole		91.70		
Garlic cwt		86.70		
Green peppers		106.00		
Snap beans		133.00		
Spinach		117.00		
Watermelon		25.00		
Vegetables, processing				
Beetston	7.79	230.00		
Cabbageton		178.00		
Lima beanston		1.980.00		
Spinachton	1.11	429.00		

See footnote(s) at end of table.

Commodity and unit	Adjusted base price 1	Parity price ²		
	(dollars)	(dollars)		
Discontinued nonbasic commodities ¹⁵				
Tobacco				
Virginia fire-cured, 21pound	0.254	7.51		
Kentucky-Tennessee fire-cured, 22-23pound	0.319	9.44		
Dark air-cured, 35-36pound	0.282	8.34		
Sun-cured, 37pound	0.235	6.95		
Cigar filler & binder 42-44, 54-55pound	0.222	6.57		
Puerto Rican filler, 46pound	0.155	4.58		
Cigar binder, 51 ¹⁶ pound	0.629	18.60		
Cigar wrapper, 61 ¹⁶ pound	2.430	71.90		
Tobacco, 62 ¹⁷ pound	3.300	97.60		
Seed crops				
Alfalfacwt	19.300	571.00		
Bentgrasscwt	18.900	559.00		
Chewings fescuecwt	10.000	296.00		
Crimson clover	8.400	248.00		
Hairy vetchcwt	5.810	172.00		
Ladino clover cwt	24.700	731.00		
Lespedezacwt	8.310	246.00		
Merion Kentucky bluegrasscwt	22.000	651.00		
Orchardgrasscwt	7.160	212.00		
Red clover cwt	12.000	355.00		
Red fescuecwt	10.100	299.00		
Tall fescuecwt	3.670	109.00		
Timothycwt	6.400	189.00		
Livestock and products				
Beeswaxpound	0.291	8.61		
Lambscwt	11.700	346.00		
Sheepcwt	4.380	130.00		

See footnote(s) at end of table.

(NA) Not available.

- 1/ Adjusted base price 1910-1914 derived by dividing the average of 10 season average prices 2008-2017, including an allowance where appropriate for unredeemed loans and other supplemental payments resulting from price support operations, by 988 percent (120-month, January 2008-December 2017 average of the index of prices received by farmers adjusted to include an allowance for unredeemed loans and other supplemental payments) unless otherwise noted.
- 2/ Legal applicable parity prices for the following calendar month.
- 3/ Adjusted base price 1910-1914 derived from 120-month, January 2008-December 2017 average including an allowance where appropriate for unredeemed loans and other supplemental payments resulting from price support operations.
- 4/ The latest marketing year average prices are not available until the June Non-citrus Fruit and Nut report is released. Therefore, the adjusted base prices are carried forward until July, except citrus items (excluding limes) and cranberries.
- 5/ Dried basis.
- 6/ Prices are equivalent packinghouse-door returns for California, Michigan, New York (apples only), and Washington (apples, peaches, and pears). Prices "as sold" for other states.
- 7/ Equivalent returns at packinghouse-door.
- 8/ Equivalent returns at processing plant door.
- 9/ Equivalent returns for bulk fruit at first delivery point.
- 10/ Based on 'as sold' prices for fresh fruit in all states.
- 11/ Prices are average FOB shipping point.
- 12/ Relates to prices including average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.
- 13/ Prices on in-shell basis except almonds which are on shelled basis.
- 14/ Includes some processing.
- Monthly and/or season average prices are no longer estimated for these items. Therefore, the adjusted base price is brought forward from July 1986.
- Monthly and/or season average prices are no longer estimated for this item. The adjusted base price is brought forward from 2016
- 17/ Monthly and/or season average prices are no longer estimated for this item. The adjusted base price is brought forward from 1988.
- 18/ Processing prices combined with fresh beginning in 2002.

Prices Received Calendar Year Average Prices and Index used to Calculate Agricultural Commodity Parity Prices – United States: 2009-2018

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Simple average of monthly prices]

				, <u> </u>	, ,		
Commodity and unit	2009	2010	2011	2012	2013	2014	2015
Prices received index, 1910-1914=100 percent	832	850	1,032	1,083	1,104	1,113	1,024
· ·	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic commodities							
Cornbushel	3.75	3.83	6.02	6.67	6.15	4.11	3.71
Cotton, Upland pound	0.492	0.710	0.880	0.795	0.772	0.749	0.619
All wheatbushel	5.30	5.12	7.44	7.60	7.32	6.33	5.28
Peanuts pound	0.24	0.21	0.25	0.34	0.27	0.23	0.21
Ricecwt	15.20	13.20	13.70	14.50	15.70	15.60	12.50
Small chickpeascwt	19.90	22.80	23.40	30.50	25.50	21.60	21.60
Large chickpeascwt	31.10	28.50	39.20	41.20	34.90	28.80	29.10
Lentilscwt	29.10	26.60	27.50	21.80	21.10	21.10	28.60
Designated nonbasic commodities							
All milkcwt	12.80	16.30	20.10	18.50	20.10	24.00	17.10
Other nonbasic commodities							
Field crops and miscellaneous							
All barleybushel	4.83	4.00	4.79	5.98	6.26	5.65	5.24
All dry beanscwt	31.00	27.90	34.60	42.40	38.40	35.80	29.90
Flaxseedbushel	8.60	10.20	14.20	13.60	14.30	13.20	10.60
All hay, baledton	117.00	110.00	159.00	184.00	183.00	175.00	151.00
Oatsbushel	2.30	2.37	3.42	3.80	3.92	3.54	2.54
Sorghumcwt	5.59	6.50	10.70	11.10	9.97	7.41	7.29
Soybeansbushel	10.10	9.97	12.50	14.00	14.10	12.50	9.49
All sunflowercwt	18.70	16.80	29.10	27.80	23.50	21.60	22.50
Fruit							
Apples, fresh ² pound	0.233	0.262	0.325	0.411	0.408	0.376	0.319
Livestock and products							
Beef cattlecwt	80.40	92.00	113.00	122.00	125.00	153.00	148.00
Broilerspound	0.453	0.492	0.459	0.511	0.604	0.638	0.529
Calvescwt	108.00	121.00	142.00	173.00	174.00	255.00	263.00
Eggs dozen	0.823	0.857	0.968	0.998	1.090	1.250	1.650
All hogscwt	42.00	55.10	66.50	64.20	67.20	77.10	53.50
Turkeyspound	0.499	0.612	0.680	0.719	0.665	0.732	0.811

See footnote(s) at end of table.

Prices Received Calendar Year Average Prices and Index used to Calculate Agricultural Commodity Parity Prices – United States: 2009-2018 (continued)

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Simple average of monthly prices]

			2018	2008-2017 Average	2009-2018 Average		
Commodity and unit	2016	2017			As computed	For parity purposes 1	
Prices received index, 1910-1914=100percent	934	963	937	988	987	1,018	
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	
Basic commodities							
Cornbushel	3.48	3.36	3.47	4.59	4.46	4.46	
Cotton, Uplandpound	0.648	0.682	0.712	0.696	0.706	0.706	
All wheat bushel	4.11	4.44	5.14	6.10	5.81	5.81	
Peanutspound	0.19	0.21	0.22	0.24	0.24	0.24	
Ricecwt	11.50	11.20	12.90	13.90	13.60	13.60	
Small chickpeascwt	26.90	27.40	26.50	24.60	24.60	24.60	
Large chickpeascwt	32.50	34.70	32.10	33.50	33.20	33.20	
Lentilscwt	33.50	28.70	21.70	27.00	26.00	26.00	
Designated nonbasic commodities							
All milkcwt	16.30	17.70	16.30	18.10	17.90	17.90	
Other nonbasic commodities							
Field crops and miscellaneous							
All barleybushel	5.17	4.68	4.52	5.16	5.11	5.11	
All dry beanscwt	28.90	29.70	26.00	33.30	32.50	32.50	
Flaxseedbushel	8.01	8.75	9.86	11.70	11.10	11.10	
All hay, baledton	132.00	137.00	157.00	150.00	151.00	151.00	
Oatsbushel	2.07	2.51	2.81	2.98	2.93	2.93	
Sorghumcwt	5.38	5.44	6.12	7.75	7.55	7.55	
Soybeansbushel	9.39	9.39	9.15	11.30	11.10	11.10	
All sunflowercwt	19.10	17.50	17.30	22.20	21.40	21.40	
Fruit							
Apples, fresh ² pound	0.427	0.403	0.357	0.356	0.352	0.352	
Livestock and products							
Beef cattlecwt	120.00	120.00	116.00	116.00	119.00	119.00	
Broilerspound	0.478	0.545	0.567	0.518	0.528	0.528	
Calvescwt	163.00	165.00	168.00	168.00	173.00	173.00	
Eggsdozen	0.768	0.863	1.150	1.030	1.040	1.040	
All hogscwt	49.60	53.60	49.90	57.70	57.90	57.90	
Turkeyspound	0.825	0.645	0.510	0.675	0.670	0.670	

¹ Includes an allowance for price support operations as authorized by the Secretary of Agriculture, January 30, 1956. This entry is omitted for commodities not affected by the adjustment.

² Equivalent packinghouse-door returns for California, Michigan, New York (apples only), Pennsylvania (apples only), and Washington (apples, peaches, and pears). Prices as sold for other states.

Prices Received Market Year Average Prices used to Calculate Agricultural Commodity Parity Prices – United States: 2009-2018

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2009	2010	2011	2012	2013	2014
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic Commodities						
Cotton, American Pimapound	1.170	1.790	1.450	1.240	1.720	1.550
Tobacco						
Flue-cured 11-14 pound	1.754	1.690	1.682	1.983	2.115	2.026
Fire-cured 21-23pound	2.468	2.467	2.557	2.578	2.625	2.673
Burley 31pound	1.709	1.549	1.751	1.968	2.061	1.942
Maryland 32 pound	1.600	1.550	1.550	1.750	1.900	1.950
Dark air-cured 35-37pound	2.242	2.242	2.278	2.287	2.352	2.380
Pennsylvania seedleaf, 41pound	1.700	1.750	1.700	1.950	2.100	2.100
Designated nonbasic commodities						
Honey pound	1.473	1.619	1.765	1.992	2.141	2.173
Wool and mohair ¹						
Woolpound	0.790	1.150	1.670	1.520	1.450	1.460
Mohairpound	2.65	3.49	4.16	3.89	4.23	4.85
Other nonbasic commodities						
Field crops and miscellaneous						
Canolacwt	16.20	19.30	24.00	26.50	20.60	16.90
Cottonseedton	158.00	161.00	260.00	252.00	246.00	194.00
Hopspound	3.57	3.28	3.14	3.17	3.35	3.67
Mustard seedcwt	30.40	25.90	33.60	35.80	37.20	34.80
Peppermint oilpound	20.10	20.30	23.10	24.10	23.80	22.90
Potatoescwt	8.35	12.71	12.82	9.16	12.83	10.16
Rapeseedcwt	26.30	23.40	27.00	26.10	25.10	34.90
Ryebushel	5.06	5.18	7.81	7.69	7.95	7.74
Safflowercwt	17.10	17.20	24.40	27.60	27.90	25.00
Spearmint oilpound	16.50	16.20	18.60	19.50	19.10	19.80
Sweet potatoescwt	21.80	19.80	18.80	17.40	24.10	23.90

See footnote(s) at end of table.

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

					Ten-year	Average
Commodity and unit	2015	2016	2017	2018	2008-2017 Period	2009-2018 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Basic Commodities						
Cotton, American Pimapound Tobacco	1.180	1.370	1.390	1.377	1.390	1.420
Flue-cured 11-14pound	1.874	1.960	2.004	1.933	1.880	1.900
Fire-cured 21-23pound	2.683	2.697	2.696	2.724	2.590	2.620
Burley 31pound	1.929	1.923	1.935	1.960	1.840	1.870
Maryland 32pound	1.800	1.860	1.800	1.800	1.740	1.760
Dark air-cured 35-37pound	2.366	2.390	2.398	2.403	2.320	2.330
Pennsylvania seedleaf, 41pound	2.200	2.470	2.360	2.140	2.000	2.050
Designated nonbasic commodities						
Honeypound	2.083	2.119	2.156	(NA)	1.790	(NA)
Wool and mohair ¹						
Woolpound	1.450	1.450	1.480	1.750	1.340	1.420
Mohairpound	5.30	4.56	4.95	5.25	4.14	4.33
Other nonbasic commodities						
Field crops and miscellaneous						
Canolacwt	15.60	16.60	17.50	16.40	19.20	19.00
Cottonseedton	227.00	195.00	142.00	152.00	206.00	199.00
Hopspound	4.38	5.72	5.60	5.46	3.99	4.13
Mustard seedcwt	31.80	32.70	30.10	28.60	33.60	32.10
Peppermint oilpound	21.80	20.90	18.30	19.80	21.10	21.50
Potatoescwt	9.85	10.60	11.95	(D)	11.30	10.90
Rapeseedcwt	43.20	25.20	19.20	18.50	27.60	26.90
Rye bushel	6.50	5.12	4.70	6.13	6.41	6.39
Safflower cwt	24.50	20.70	18.60	20.30	22.80	22.30
Spearmint oilpound	18.30	17.30	16.20	16.80	17.60	17.80
Sweet potatoes cwt	21.80	20.70	18.40	23.20	20.80	21.00

See footnote(s) at end of table.

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2009	2010	2011	2012	2013	2014
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Fruit, citrus (equivalent on-tree) ²						
Grapefruitbox	4.37	6.76	7.09	7.65	6.51	7.2
Lemons box	8.32	11.29	10.93	15.13	12.05	25.4
Orangesbox	6.62	7.67	8.31	10.14	8.27	11.6
Tangerinesbox	14.77	14.70	17.74	19.16	22.45	27.9
Deciduous and other fruit						
Apples ³						
Processington	132.00	187.00	226.00	281.00	197.00	178.0
Apricots						
Fresh ⁴ ton	1,150.00	1,350.00	1,050.00	1,140.00	1,190.00	1,360.0
Processing ³				•		
Dried (California) 5ton	2,970.00	2,860.00	2,720.00	2,470.00	2,980.00	2,410.0
Allton	371.00	368.00	357.00	387.00	415.00	462.
Avocadoston	1,440.00	2,750.00	1,540.00	1,680.00	1,980.00	1,890.
Cherries	,	•	,	,	,	•
Sweetton	1,330.00	2,330.00	2,530.00	2,020.00	2,610.00	2,140.
Tartpound	0.192	0.222	0.300	0.594	0.359	0.3
Cranberriesbarrel	44.20	43.90	44.80	47.90	32.40	30.
Dates (California)ton	1,180.00	1,270.00	1,320.00	1,340.00	1,220.00	1,510.
Grapes	·			•		
Raisin varieties						
Dried (California) 5ton	1,130.00	1,510.00	1,660.00	1,880.00	1,630.00	1,710.
Wine, processing (California)ton	612.00	574.00	637.00	773.00	753.00	759.
Kiwifruit 6ton	847.00	768.00	775.00	1,020.00	1,110.00	1,190.
Nectarines				,	,	•
Fresh 6 7ton	631.00	553.00	582.00	767.00	837.00	906.
Olives (California)						
Processing 8						
Crushed for oilton	540.00	532.00	556.00	550.00	582.00	614.
Excluding crushedton	814.00	692.00	987.00	1,040.00	1,000.00	1,020.
Canning ⁸ ton	855.00	862.00	1,060.00	1,110.00	1,110.00	1,170.

See footnote(s) at end of table.

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

					Ten-year	Average
Commodity and unit	2015	2016	2017	2018	2008-2017 Period	2009-2018 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Fruit, citrus (equivalent on-tree) ²						
Grapefruitbox	7.44	10.64	12.48	15.01	7.50	8.52
Lemonsbox	25.10	27.44	28.50	26.03	19.10	19.00
Orangesbox	10.60	10.56	13.32	15.90	9.39	10.30
Tangerinesbox	18.85	17.70	18.76	25.44	18.60	19.80
Deciduous and other fruit						
Apples ³						
Processington	201.00	214.00	248.00	206.00	206.00	207.00
Apricots						
Fresh ⁴ ton	1,580.00	1,200.00	1,400.00	1,540.00	1,230.00	1,300.00
Processing ³				•		
Dried (California) 5ton	3,990.00	6,170.00	(D)	(NA)	3,190.00	(NA)
Allton	594.00	653.00	580.0Ó	757.0Ó	454.00	494.0Ó
Avocadoston	1,900.00	2,720.00	2,100.00	2,180.00	1,990.00	2,020.00
Cherries				•		
Sweetton	2,250.00	2,250.00	2,060.00	1,860.00	2,190.00	2,140.00
Tartpound	0.347	0.274	0.224	0.196	0.324	0.306
Cranberriesbarrel	31.00	30.60	30.20	25.10	39.40	36.10
Dates (California)ton	1,560.00	2,020.00	3,510.00	3,800.00	1,620.00	1,870.00
Grapes						
Raisin varieties						
Dried (California) 5ton	1,560.00	1,110.00	1,840.00	(NA)	1,500.00	(NA)
Wine, processing (California)ton	781.00	905.00	927.00	1,010.00	733.00	773.00
Kiwifruit 6ton	1,470.00	1,570.00	1,050.00	870.00	1,070.00	1,070.00
Nectarines					·	
Fresh ⁶ ton	945.00	914.00	943.00	(D)	745.00	(D)
Olives (California)				, ,		, ,
Processing 8						
Crushed for oilton	723.00	706.00	810.00	566.00	628.00	618.00
Excluding crushedton	1,120.00	1,080.00	1,160.00	1,180.00	962.00	1,010.00
Canning 8ton	1,300.00	1,213.00	1,320.00	1,270.00	1,080.00	1,130.00

See footnote(s) at end of table.

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2009	2010	2011	2012	2013	2014
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Papayas, fresh (Hawaii)pound	0.467	0.380	0.350	0.350	0.360	0.490
Peaches Fresh ⁴ ton	811.00	788.00	825.00	967.00	956.00	1,190.00
Processing ³ Dried (California)ton Excluding dried	359.00	278.00	411.00	327.00	419.00	493.00
Clingstone (California)ton Freestoneton	338.00 263.00	325.00 257.00	303.00 261.00	348.00 254.00	364.00 288.00	369.00 360.00
Pears Fresh ⁹ ton Processing ³	458.00	599.00	451.00	656.00	599.00	703.00
Excluding driedton	224.00	243.00	237.00	238.00	276.00	287.00
Plums (California) Fresh ton Processing ton	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)
Prunes, dried (California) ³ ton	1,230.00	1,350.00	1,310.00	1,330.00	2,000.00	2,470.00
Strawberries Fresh ¹⁰ ¹¹ pound Processing cwt	0.861 30.900	0.908 29.200	0.940 34.800	0.915 33.400	0.965 34.900	1.050 42.600
Sugar crops ¹² Sugarbeetston Sugarcane for sugarton	51.50 34.80	66.90 41.70	69.40 47.20	66.40 41.90	46.60 31.40	46.00 34.70

See footnote(s) at end of table.

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

					Ten-year	· Average
Commodity and unit	2015	2016	2017	2018	2008-2017 Period	2009-2018 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Papayas, fresh (Hawaii)pound	(D)	(D)	(D)	0.730	0.430	0.457
Peaches						
Fresh ⁴ ton Processing ³	1,100.00	1,220.00	1,370.00	1,250.00	991.00	1,050.00
Dried (California)ton Excluding dried	588.00	583.00	496.00	(NA)	441.00	(NA)
Clingstone (California)ton	470.00	518.00	474.00	480.00	386.00	399.00
Freestoneton	418.00	442.00	444.00	410.00	323.00	340.00
Pears	700.00	770.00	075.00	040.00	0.40.00	252.00
Fresh ⁹ ton Processing ³	769.00	776.00	875.00	610.00	648.00	650.00
Excluding driedton	341.00	406.00	384.00	367.00	286.00	300.00
Plums (California)						
Freshton	(D)	(D)	(D)	(D)	(D)	(D)
Processington	(D)	(D)	(D)	(D)	(D)	(D)
Prunes, dried (California) ³ ton	2,050.00	2,180.00	1,980.00	2,160.00	1,740.00	1,810.00
Strawberries						
Fresh 10 11pound	0.799	1.270	1.250	1.060	0.980	1.000
Processingcwt	46.700	47.600	37.200	43.600	37.300	38.100
Sugar crops ¹²						
Sugarbeetston	47.20	35.70	41.20	35.50	52.00	51.90
Sugarcane for sugarton	31.20	32.60	31.00	33.40	35.40	35.60

See footnote(s) at end of table.

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

Commodity and unit	2009	2010	2011	2012	2013	2014
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Tree nuts 13						
Almondspound	1.65	1.79	1.99	2.58	3.21	4.00
Hazelnutston	1,690.00	2,410.00	2,330.00	1,830.00	2,680.00	3,600.00
Pecans, allpound	1.430	2.300	2.430	1.570	1.730	1.960
Pistachio, allpound	1.67	2.22	1.98	2.61	3.48	3.57
Walnutston	1,710.00	2,040.00	2,900.00	3,030.00	3,710.00	3,340.00
Mushrooms, allpound	1.17	1.17	1.18	1.22	1.24	1.24
Vegetables, fresh 10						
Asparaguscwt	108.00	122.00	122.00	117.00	131.00	106.00
Broccolicwt	39.80	37.60	35.40	33.80	43.20	40.70
Carrotscwt	25.20	26.60	32.50	26.60	28.60	27.10
Cauliflowercwt	44.30	41.80	46.80	35.90	44.50	50.10
Celery ¹⁴ cwt	20.10	18.60	19.70	18.20	25.80	17.10
Honeydew melonscwt	15.60	15.50	22.10	20.70	20.90	23.70
Lettuce, headcwt	22.40	21.10	23.00	17.70	26.70	24.40
Onions ¹⁴ cwt	15.00	15.60	10.90	14.20	15.00	13.60
Sweet corncwt	29.50	25.90	26.70	26.30	28.20	28.70
Tomatoes cwt	40.40	48.20	36.10	30.50	44.60	41.50
Vegetables, processing ³						
Asparaguston	1,330.00	1,360.00	1,510.00	1,570.00	1,570.00	1,530.00
Green peaston	319.00	287.00	416.00	434.00	427.00	367.00
Snap beanston	191.00	192.00	235.00	271.00	320.00	250.00
Sweet cornton	104.00	85.30	116.00	127.00	140.00	113.00
Tomatoeston	87.20	72.50	75.60	76.70	90.10	99.30

See footnote(s) at end of table.

[Average used to compute "adjusted base prices". Averages for 2018 and 2009-2018 are preliminary. Prices are the averages for the marketing season computed by weighting state prices by quantities sold]

					Ten-year	Average
Commodity and unit	2015	2016	2017	2018	2008-2017 Period	2009-2018 Period
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Tree nuts 13						
Almondspound	3.13	2.39	2.53	2.44	2.47	2.57
Hazelnutston	2,800.00	2,700.00	2,300.00	1,800.00	2,400.00	2,410.00
Pecans, allpound	2.200	2.590	2.330	1.751	1.990	2.030
Pistachio, allpound	3.29	1.68	1.69	2.65	2.42	2.48
Walnutston	1,670.00	1,850.00	2,490.00	1,300.00	2,400.00	2,400.00
Mushrooms, allpound	1.28	1.26	1.31	1.34	1.23	1.24
Vegetables, fresh ¹⁰						
Asparaguscwt	116.00	117.00	132.00	122.00	117.00	119.00
Broccolicwt	49.10	38.20	46.00	43.10	40.00	40.70
Carrotscwt	30.50	32.10	30.20	27.30	28.40	28.70
Cauliflowercwt	61.50	55.90	46.80	46.10	46.80	47.40
Celery 14cwt	24.80	18.50	20.50	25.90	20.20	20.90
Honeydew melonscwt	22.60	19.10	28.00	19.60	20.60	20.80
Lettuce, headcwt	29.10	26.70	35.90	30.10	24.70	25.70
Onions ¹⁴ cwt	15.50	16.50	14.40	13.50	14.30	14.40
Sweet corncwt	28.20	28.40	29.20	29.30	27.70	28.00
Tomatoescwt	46.30	42.30	36.80	41.50	41.20	40.80
Vegetables, processing ³						
Asparaguston	1,650.00	1,680.00	1,570.00	1,580.00	1,510.00	1,540.00
Green peaston	320.00	254.00	250.00	251.00	343.00	333.00
Snap beanston	233.00	191.00	188.00	182.00	229.00	225.00
Sweet cornton	103.00	87.40	78.50	79.70	107.00	103.00
Tomatoeston	93.70	87.30	82.70	81.50	84.50	84.70

⁽D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

- Average local market price; does not include incentive payment per pound, the 2008-2017 and 2009-2018 averages for parity purposes include this allowance.
- ² Consistent with legislation quoted in this report, citrus prices shown for 2018 relate to the citrus crop designated as 2017-2018 in the production reports.
- ³ Equivalent returns at processing plant door.
- ⁴ Based on "as sold" prices for fresh fruit in all states.
- ⁵ Dried basis.
- ⁶ Equivalent returns at packinghouse-door. Includes some processing beginning in 2002.
- ⁷ Processed estimates discontinued in 2009.
- ⁸ Equivalent returns for bulk fruit at first delivery point.
- ⁹ Equivalent packinghouse-door returns for California, New York (applies only starting in 1985), Oregon (except peaches), and Washington. Prices "as sold" for other states.
- ¹⁰ Average F.O.B. shipping point prices.
- ¹¹ Includes strawberries for processing in states where the processing crop is not estimated separately.
- ¹² Prices include average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.
- ¹³ Prices on in-shell basis except almonds which are on shelled basis.
- ¹⁴ Includes some processing.

Reliability of Prices Received Estimates

Definition: Prices received represent sales from producers to first buyers. They include all grades and qualities. The average commodity price from the survey multiplied by the total quantity marketed theoretically should give the total cash receipts for the commodity.

Survey procedures: Primary sales data used to determine grain prices were obtained from probability samples of about 1,900 mills and elevators. These procedures ensure that virtually all grain moving into commercial channels has a chance of being included in the survey. Generally, States surveyed account for 90 percent or more of total United States production. Livestock prices are obtained from packers, stockyards, auctions, dealers, and market check data from AMS-USDA, private marketing organizations, and state commodity groups and agencies. Inter-farm sales of grain and livestock are not included since they represent very small percentages of the total sales. Grain marketed for seed is also excluded. Fruit and vegetable prices are obtained from sample surveys and market check data from AMS-USDA, private marketing organizations, state agencies, and universities.

Summary and estimation procedures: Survey quantities sold are expanded by strata to state levels and used to weight average strata prices to a state average. State prices are then weighted to a United States price based on expanded sales. Recommendations are prepared by the Regional Field Offices and reviewed by the Agricultural Statistics Board in Washington, D.C. State recommendations are reviewed for reasonableness with survey data, other States, and recent historic estimates.

Revisions: In general, revisions are made during annual commodity market year estimation time, following five-year Census revisions, or when later information is received. Revisions are published in monthly issues of *Agricultural Prices*.

Reliability: United States price estimates based on probability surveys generally have a sampling error of less than one percent for the major commodities such as corn, wheat, soybeans, cotton, and rice. Current methods of summarization for non-probability commodities are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors at around five percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

Program Changes: After the Council on Food, Agricultural and Resource Economics (C-FARE) 2009 program review which included changes in farm production practices, plans were implemented to make necessary program improvements in the agricultural price program. The index group structure for prices received was modified to maintain a more universal structure and consistency with the required 1910-1914 series.

Modifications implemented January 2014 include the following: updated the current 1990-1992 base reference period to 2011; linked the 1910-1914 series to the updated base reference period, 2011; created index groups used universally by researchers, data users, and policymakers; and re-classified agricultural commodities into the index groups. Also the modifications expanded the commodity coverage for vegetable, melon, non-citrus, and tree nuts; updated monthly market weights; and adjusted (normalized) current five year moving average cash receipts and farm input cost weights.

Modifications implemented January 2015 discontinued preliminary prices and replaced the annual average index with an annual index.

The February 2016 program update changed the rounding of the 2011 base period indexes to nearest tenth of a percent. The 1910-1914 base period indexes remain rounded to the nearest whole number.

See Price Program Links at end of this report for program change details.

June Prices Paid by Farmers

The June Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 110.3, is down 0.5 percent from May 2019 but up 1.3 percent from June 2018.

Production: The June index, at 106.7, is down 0.7 percent from May but 0.4 percent higher than last year. Lower prices for feeder cattle, feeder pigs, hay and forages, and LP gas more than offset higher prices for feed grains, other services, complete feeds, and other machinery.

Feed: At 103.9, the June index increased 1.2 percent from May and 2.0 percent from last June. Since May, higher prices for feed grains, complete feeds, supplements, and concentrates more than offset lower prices for hay and forages.

Livestock and poultry: The June index, at 97.2, decreased 7.3 percent from May and 4.2 percent from June last year. Since May, feeder cattle price and feeder pigs price are lower. The June feeder cattle price, at \$133 per cwt, is down \$8 per cwt from the May price. The June feeder pigs price, at \$149 per cwt, is down \$62 per cwt from May. The prices for milk cows and poultry are unchanged.

Fertilizer: The index for June, at 67.4, is down 1.3 percent from May but up 2.1 percent from June a year ago. The prices for nitrogen, potash and phosphate, and mixed fertilizer are all lower in June.

Chemicals: The June index, at 99.5, is unchanged from May but down 1.8 percent from June last year.

Fuels: At 68.6, the June index is down 5.8 percent from May and 4.9 percent from June 2018. Compared with May, the prices for LP gas, diesel, and gasoline are lower.

Machinery: The index for June, at 126.1, increased 1.1 percent from May and 6.1 percent from last June. Compared with last month, prices are higher for other machinery and self-propelled machinery. The tractor prices are unchanged.

Consumer Price Index: The June 2019 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 1.6 percent over the last 12 months to an index level of 256.143 (1982-1984=100). For the month, the index increased slightly prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios - United States: June 2019 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

Index Group		1910-1914 Base	5 1		2011 Base	
and Ratios	June 2018	May 2019	June 2019	June 2018	May 2019	June 2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for						
commodities, services,						
interest, taxes, and wage						
rates (PPITW)	2946	2998	2984	108.9	110.8	110.3
Production	2212	2235	2220	106.3	107.4	106.7
Feed	1123	1132	1145	101.9	102.7	103.9
Livestock and poultry	2003	2071	1918	101.5	104.9	97.2
Seeds	3885	3800	3800	118.2	115.6	115.6
Fertilizer	794	822	812	66.0	68.3	67.4
Chemicals	910	894	894	101.3	99.5	99.5
Fuels	2017	2038	1919	72.1	72.8	68.6
Supplies and repairs	1312	1348	1349	111.2	114.3	114.4
Autos and trucks	3250	3273	3263	105.7	106.5	106.2
Machinery	7261	7620	7703	118.8	124.7	126.1
Building materials	2722	2757	2748	117.0	118.5	118.1
Services and rent	2478	2487	2498	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	114.9	115.5	116.4
Rent	(NA)	(NA)	(NA)	119.5	119.5	119.5
Interest ¹	4288	4422	4422	117.6	121.3	121.3
Taxes ²	6952	7119	7119	117.1	120.0	120.0
Wage rates	8780	9413	9413	122.6	131.5	131.5
Family living-CPI ³	2394	2433	2433	112.0	113.9	113.9
Production, interest, taxes,						
and wage rates (PITW)	3055	3110	3093	108.3	110.3	109.7
Ratio (received/paid)	(NA)	(NA)	(NA)	87	83	85
Parity ratio ⁴	` 33́	` 32́	` 32	(NA)	(NA)	(NA)
Parity ratio adjusted 5	34	33	33	(NA)	(NA)	(NA)
PPITW adjusted for productivity ⁶	1615	1686	1684	(NA)	(NA)	(NA)
,				V 4	(4)	ζ γ
Crop sector (PPITW)	(NA)	(NA)	(NA)	109.9	111.7	111.6
Livestock sector (PPITW)	(NA)	(NA)	(NA)	107.7	109.7	108.8
Farm sector (production)	(NA)	(NA)	(NA)	105.0	106.0	104.1
Non-farm sector (production)	(NA)	(NA)	(NA)	107.0	108.2	108.2
N /	` '	` /	` /			

(NA) Not available.

¹ Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

² Farm real estate taxes payable per acre.
³ Bureau of Labor Statistics, Consumer Price Index for all urban consumers (CPI-U), converted by the USDA.
⁴ Ratio of index of prices received to PPITW (1910-1914=100).

⁵ Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is 1.026 for 2019 and the revised factor is 1.026 for 2018.

⁶ PPITW is adjusted based on productivity trend for the prior 15 years.

Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: June 2019 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Relative weights are a five year moving average]

revised historical price indexes for months not show	Relative v			ndexes (2011=100)	2011=100)		
Index Group	2018	2019	June 2018	May 2019	June 2019		
	(percent)	(percent)	(percent)	(percent)	(percent)		
Production items	73.5	73.2	106.3	107.4	106.7		
Feed	13.3	12.8	101.9	102.7	103.9		
Feed grains	1.9	1.8	62.0	61.2	67.0		
Complete feeds	6.5	6.3	107.9	105.9	107.0		
Hay and forages	1.6	1.6	102.5	120.5	114.7		
Concentrates	2.1	2.0	115.0	111.8	113.1		
Supplements	1.2	1.1	110.0	111.0	115.3		
Livestock and poultry	8.2	8.8	101.5	104.9	97.2		
Feeder cattle	6.4	6.8	104.8	102.8	97.4		
Feeder pigs	0.6	0.7	72.9	150.7	106.4		
Milk cow replacements	0.7	0.7	95.8	80.3	80.3		
Poultry	0.5	0.5	104.3	104.3	104.3		
Seeds	5.3	5.4	118.2	115.6	115.6		
Field crops	4.8	4.9	116.9	114.0	114.0		
Grasses and legumes	0.5	0.5	131.0	131.8	131.8		
Fertilizer	5.2	5.0	66.0	68.3	67.4		
Mixed fertilizer	2.3	2.2	67.4	69.8	69.7		
Nitrogen	2.2	2.1	65.8	69.3	67.9		
Potash and phosphate	0.7	0.7	62.1	60.5	58.8		
Chemicals	3.6	3.6	101.3	99.5	99.5		
Herbicides	2.3	2.2	102.0	100.1	100.1		
Insecticides	0.8	0.8	102.3	99.5	99.5		
Fungicides and other	0.5	0.5	96.8	96.9	96.9		
Fuels	2.4	2.8	72.1	72.8	68.6		
Diesel	1.5	1.8	68.3	72.7	71.1		
Gasoline	0.5	0.6	74.1	80.3	76.4		
LP gas	0.4	0.5	83.8	64.1	49.8		
Supplies and repairs	4.6	4.6	111.2	114.3	114.4		
Supplies	1.6	1.5	111.2	115.4	115.9		
Repairs	3.0	3.1	111.2	113.7	113.7		
Autos and trucks	1.3	1.3	105.7	106.5	106.2		
Autos	0.2	0.2	100.0	100.9	100.8		
Trucks	1.1	1.1	106.6	107.3	107.0		
Machinery	5.6	5.3	118.8	124.7	126.1		
Tractors	1.2	1.2	110.7	109.3	109.3		
Self-propelled	2.3	2.1	121.8	130.5	130.8		
Other machinery	2.1	2.0	120.4	127.5	130.7		
Building materials	4.0	4.1	117.0	118.5	118.1		
Services	12.1	11.7	114.9	115.5	116.4		
Custom rates	1.3	1.2	113.3	113.3	113.3		
Other services	10.8	10.5	115.1	115.8	116.7		
Rent	7.9	7.8	119.5	119.5	119.5		
Cash	4.2	4.2	126.1	126.1	126.1		
Share	3.7	3.6	111.8	111.8	111.8		
Interest	2.4	2.6	117.6	121.3	121.3		
Taxes	3.3	3.2	117.1	120.0	120.0		
Wage rates	7.1	7.2	122.6	131.5	131.5		
Family living-CPI	13.7	13.9	112.0	113.9	113.9		

Feed Price Ratios - United States: June 2019 with Comparisons

Feed price ratio ¹	June 2018	May 2019	June 2019
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	7.0	6.1	5.4
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	9.3	2.3	5.2
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	16.5	17.2	14.9
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	1.98	2.10	2.08
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	31.6	33.6	28.9
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight 5	5.3	6.1	6.1

¹ Effective January 1995, prices of commercial prepared feeds are based on current United States prices received for corn, soybeans, alfalfa hay, and all wheat.

Prices Received Used to Calculate Feed Price Ratios – United States: June 2019 with Comparisons

[Price data source for livestock and poultry commodities is United States Department of Agriculture's Agriculture Marketing Service]

Item	June 2018	May 2019	June 2019
	(dollars)	(dollars)	(dollars)
Broilers, livepound Eggs, marketdozen	0.730	0.572	0.540
	0.817	0.187	0.457
Hogs, allcwt	59.10	62.30	59.50
Steers and heifers	113.00	122.00	115.00
	0.508	0.533	0.561
Cornbushel Hay, alfalfaton	3.58	3.63	3.98
	181.00	204.00	193.00
Soybeans bushel Wheat, all bushel	9.55	8.02	8.31
	5.17	4.78	4.81

Prices Paid for Feeder Livestock - United States: June 2019 with Comparisons

[Price data source is United States Department of Agriculture's Agriculture Marketing Service]

Item	June 2018	May 2019	June 2019
	(dollars)	(dollars)	(dollars)
Feeder cattle & calvescwt Feeder pigscwt		141.00 211.00	133.00 149.00

² The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed uses 58 percent corn and 42 percent soybeans.

³ The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed uses 75 percent corn and 25 percent soybeans.

⁴ The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

⁵ The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

Reliability of Prices Paid Estimates

Definition: Prices paid by farmers represent the average costs of inputs purchased by farmers and ranchers to produce agricultural commodities. Conceptually, the average price when multiplied by quantity purchased should equal total producer expenditures for the item.

Survey procedures: The prices paid data are obtained from establishments that sell goods and services to farmers and ranchers. Annually, about 8,500 firms are randomly selected from lists by type of item sold with an average response rate in the range of 75-80 percent. Firms are asked to report the price for the specified item "most commonly bought by farmers" or that was the "volume seller". Approximately 135 items are surveyed each March to represent all production input items purchased. The survey reference period for most items is the five business days centered at the 15th of the month. Separate prices paid surveys are conducted for agricultural chemicals, fuels, feed, fertilizer, machinery, and seed.

Summary and estimation procedures: The annual March Prices Paid Survey is summarized as a non-probability survey. Average prices reported are aggregated to the region and United States level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the Regional Field Offices and Headquarters for review by the Agricultural Statistics Board in Washington, D.C. Also, the change in price level for individual items surveyed are combined to the regional and United States levels, and are published as prices paid indexes referenced to a specific base period. Prices paid indexes for new autos and trucks, building materials, farm supplies, motor supplies, and marketing containers are updated based on price changes measured in selected Bureau of Labor Statistics (BLS) indexes.

Revisions: Any revisions are published in the monthly and in annual issues of Agricultural Prices. The basis for revision must be supported by additional data that directly affect the level of the estimate. More revisions are likely for March when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

Reliability: Current methods of summarization for the March data are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors for major items around 10 percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

Program change: Effective January 2014, the National Agricultural Statistics Service modified the five-year moving weights and updated the base reference period. In January 2015, publication of preliminary prices was suspended, and the annual average index was replaced by an annual index.

As of January 2014, the 1990-1992 base reference period was updated to 2011. Five-year moving average weights are adjusted (normalized) to minimize the effects of price changes. The 1910-1914=100 price indexes, required by statute for computing parity prices, were linked forward based on the changes in the new 2011=100 indexes. The new indexes were constructed by multiplying the ratios of the current prices to the base period prices by the moving average weights.

Modifications implemented January 2015 discontinued preliminary prices and replaced the annual average index with an annual index.

The April 2015 program update discontinued publication of the annual March survey prices paid data.

The February 2016 program update changed the rounding of the 2011 base period indexes to nearest tenth of a percent. The 1910-1914 base period indexes remain rounded to the nearest whole number.

See Price Program Links at end of this report for program change details.

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Tony Dorn, Head, Poultry and Specialty Commodities Section Fatema Haque – Turkeys. Kim Linonis – Eggs. Adam Peters – Broilers Vacant – Honey	(202) 720-3244 (202) 690-3676 (202) 690-3237
Indexes, Prices Paid, and Parity Prices	
Jody McDaniel, Chief, Environmental, Economics, and Demographics Branch	(202) 720-6146
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Poultry Chicks, Feed Price Ratios	

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Price Program Links

Economics and Prices

http://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php

January 2014 Price Program Update

http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/updates.pdf

January 2015 Price Program Update

http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/update2015.pdf

April 2015 Price Program Update

http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateApr2015.pdf

February 2016 Price Program Update

http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateFeb2016.pdf